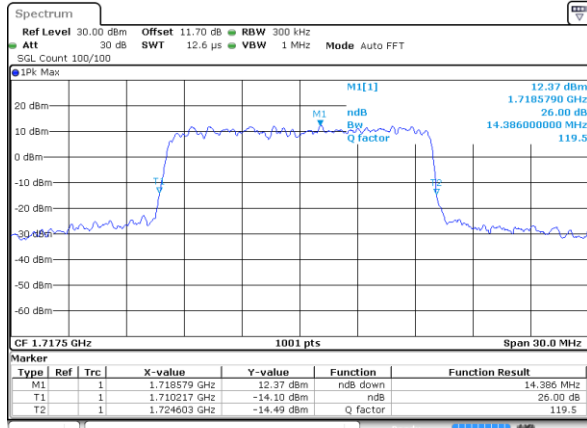


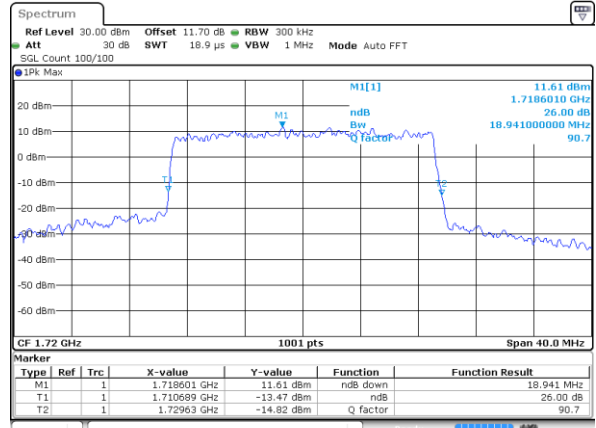
LTE Band 4

Lowest Channel / 15MHz / 64QAM



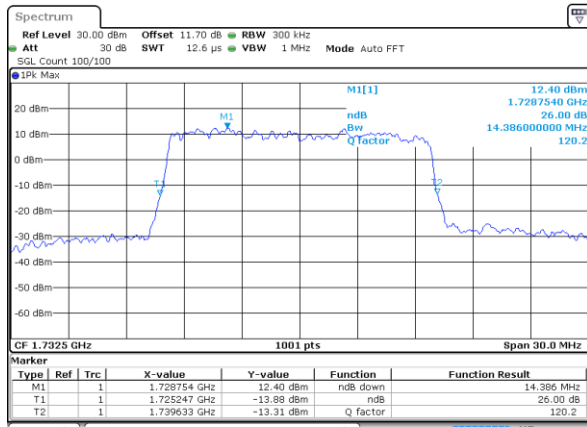
Date: 4 JAN 2020 02:17:10

Lowest Channel / 20MHz / 64QAM



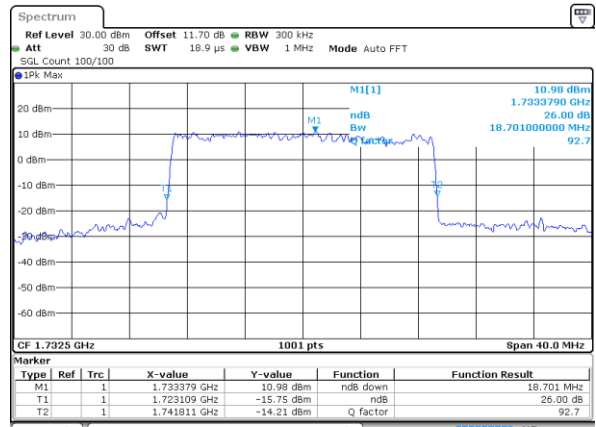
Date: 4 JAN 2020 02:23:07

Middle Channel / 15MHz / 64QAM



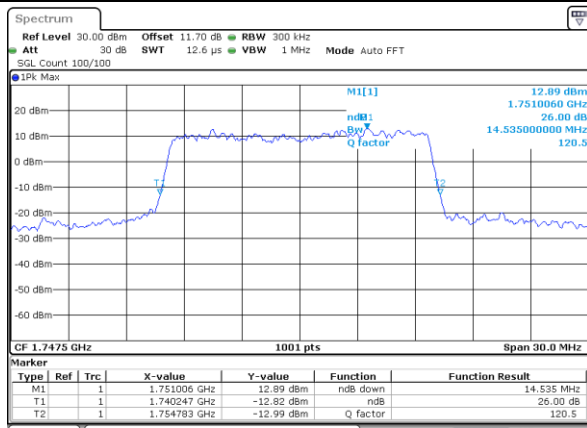
Date: 4 JAN 2020 02:19:36

Middle Channel / 20MHz / 64QAM



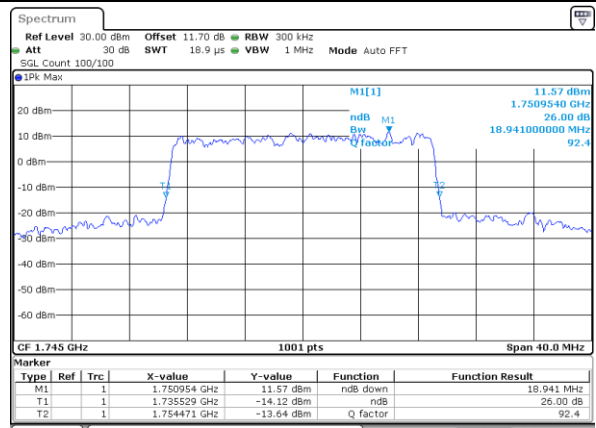
Date: 4 JAN 2020 02:25:33

Highest Channel / 15MHz / 64QAM



Date: 4 JAN 2020 02:20:40

Highest Channel / 20MHz / 64QAM



Date: 4 JAN 2020 02:26:38

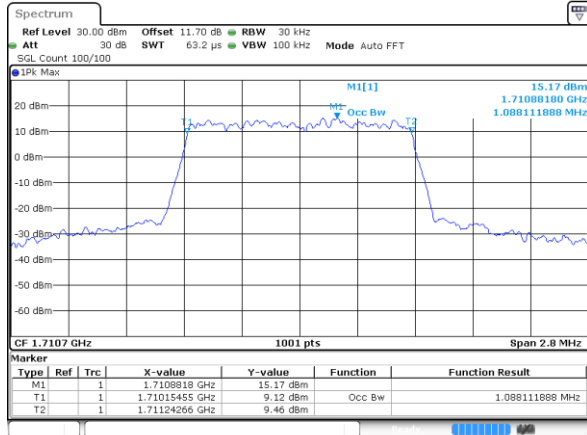
**Occupied Bandwidth**

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.72	4.49	4.48	8.99	8.97	13.46	13.43	17.90	17.86
Middle CH	1.09	1.10	2.73	2.72	4.49	4.50	8.97	9.01	13.43	13.43	17.86	17.94
Highest CH	1.09	1.10	2.72	2.72	4.49	4.51	9.03	9.03	13.40	13.49	17.98	17.98
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.71	-	4.49	-	8.99	-	13.46	-	17.78	-
Middle CH	1.09	-	2.73	-	4.48	-	9.03	-	13.40	-	17.86	-
Highest CH	1.09	-	2.72	-	4.50	-	9.05	-	13.46	-	17.90	-

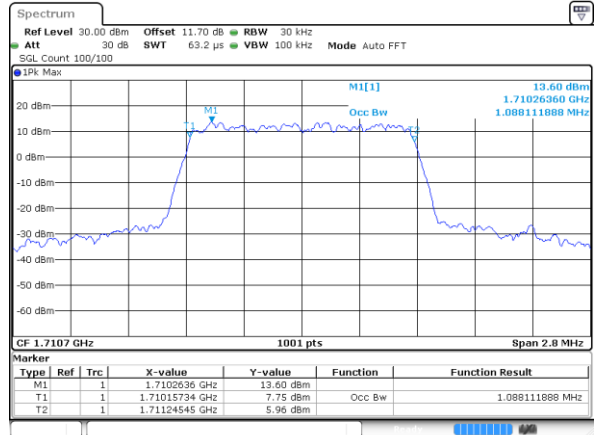


LTE Band 4

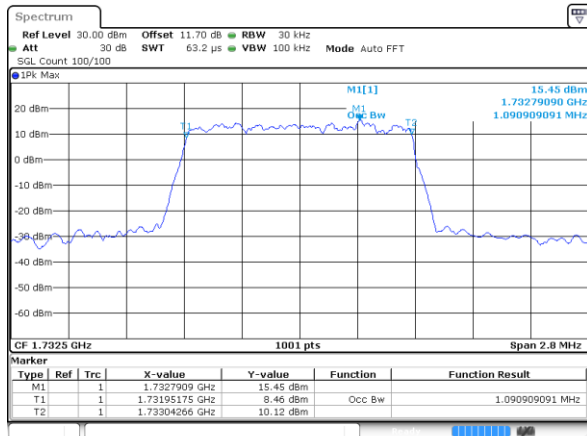
Lowest Channel / 1.4MHz / QPSK



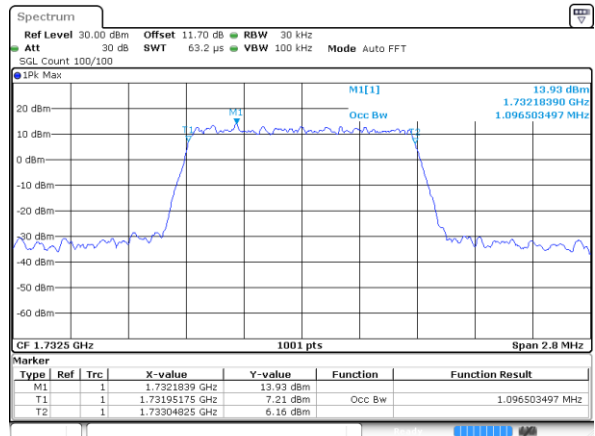
Lowest Channel / 1.4MHz / 16QAM



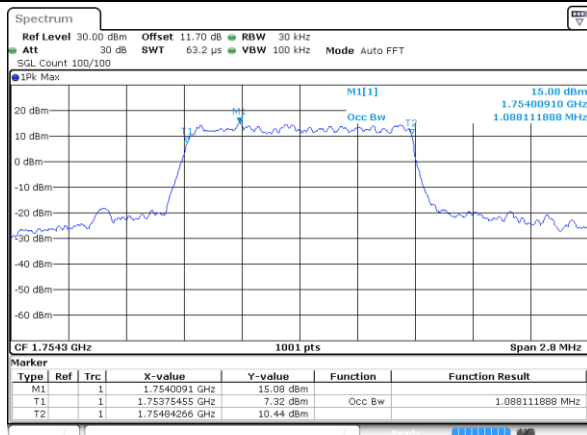
Middle Channel / 1.4MHz / QPSK



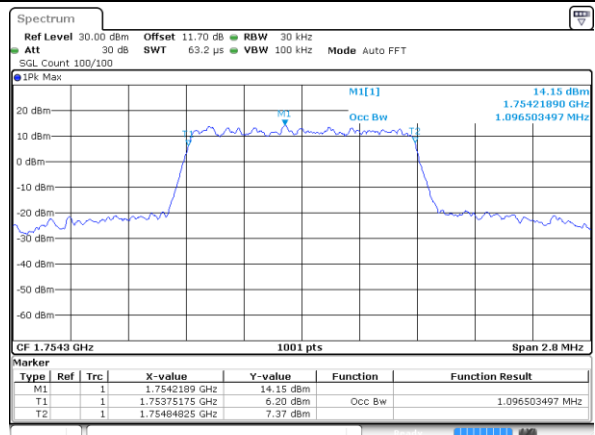
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



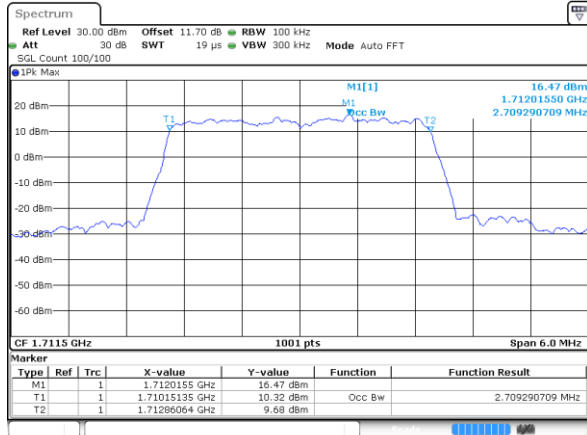
Highest Channel / 1.4MHz / 16QAM



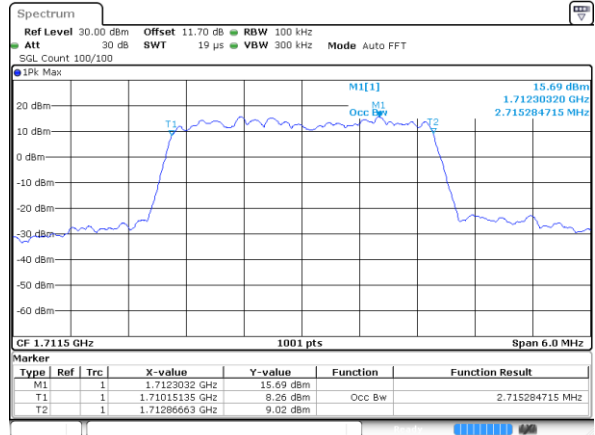


LTE Band 4

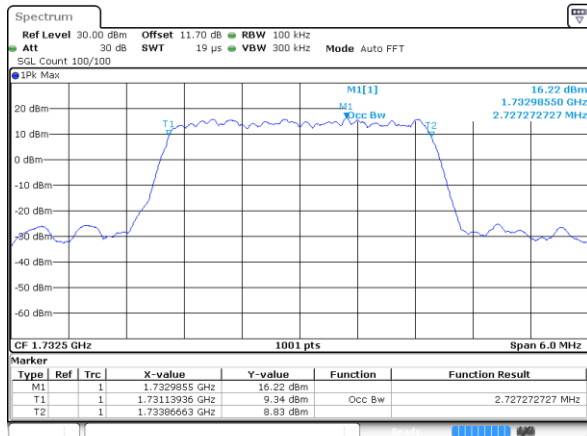
Lowest Channel / 3MHz / QPSK



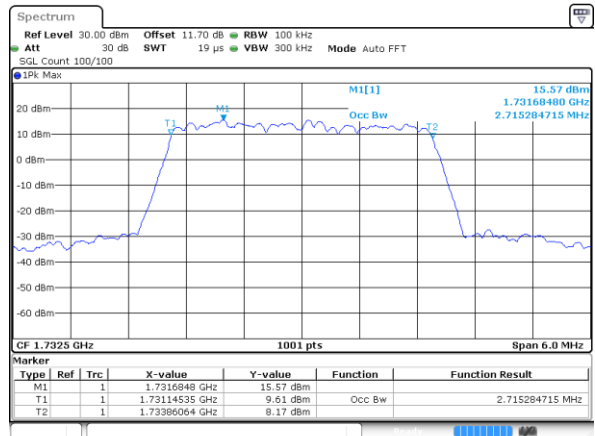
Lowest Channel / 3MHz / 16QAM



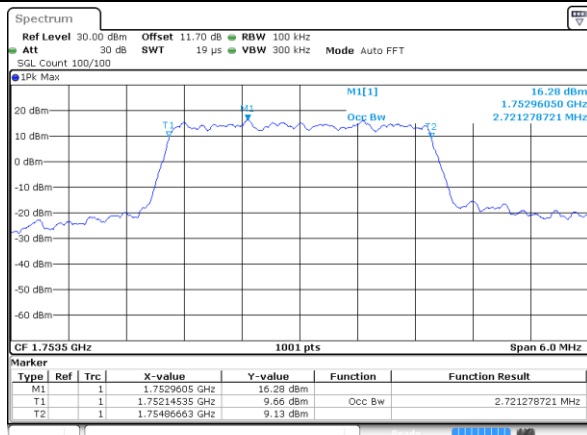
Middle Channel / 3MHz / QPSK



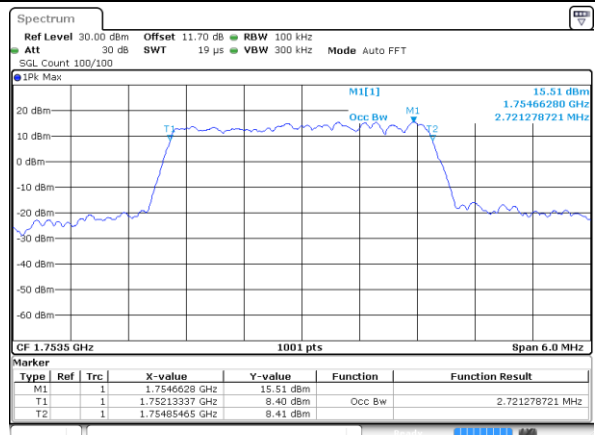
Middle Channel / 3MHz / 16QAM

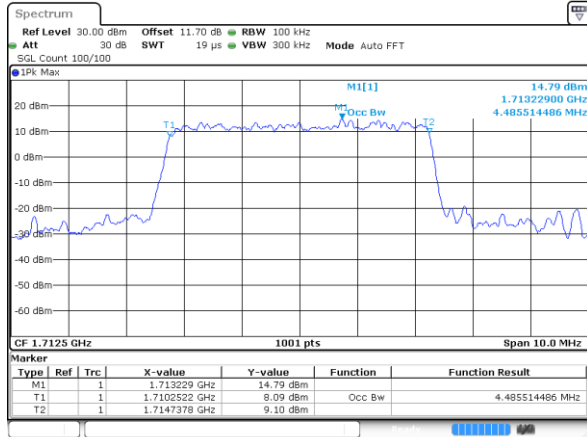


Highest Channel / 3MHz / QPSK

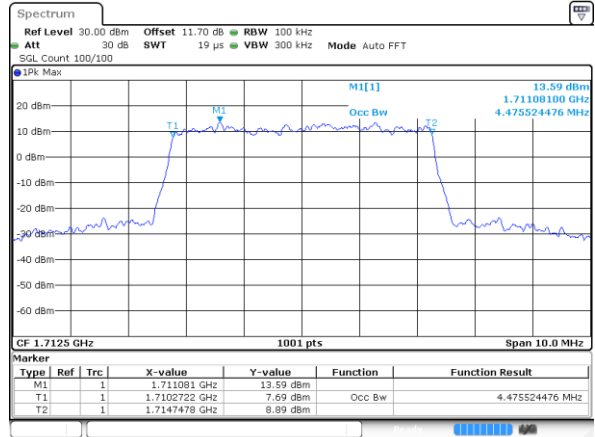


Highest Channel / 3MHz / 16QAM

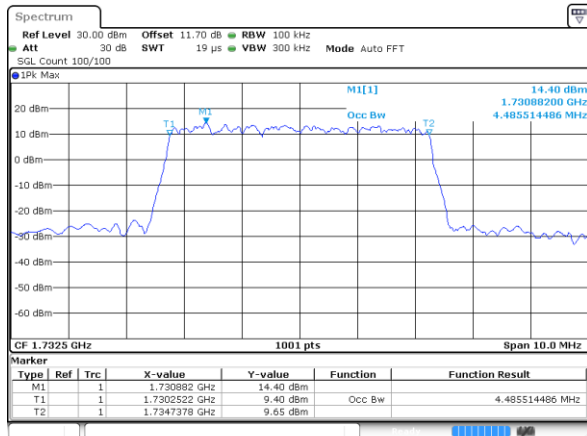


LTE Band 4
Lowest Channel / 5MHz / QPSK


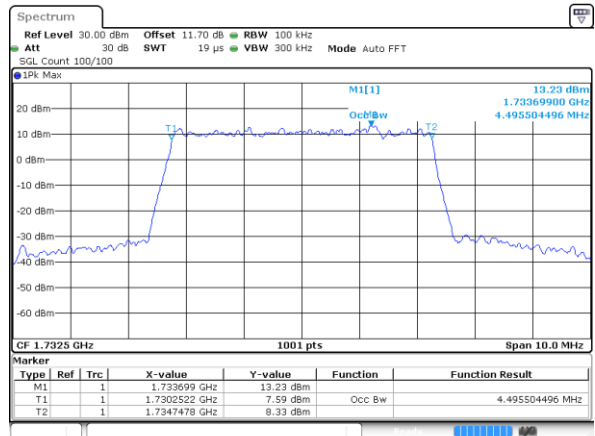
Date: 4 JAN 2020 01:07:30

Lowest Channel / 5MHz / 16QAM


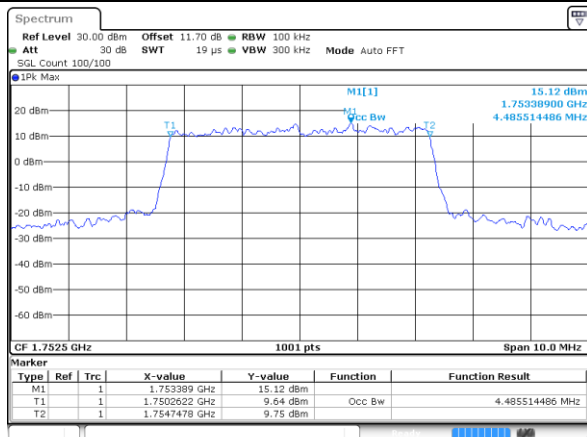
Date: 4 JAN 2020 01:07:42

Middle Channel / 5MHz / QPSK


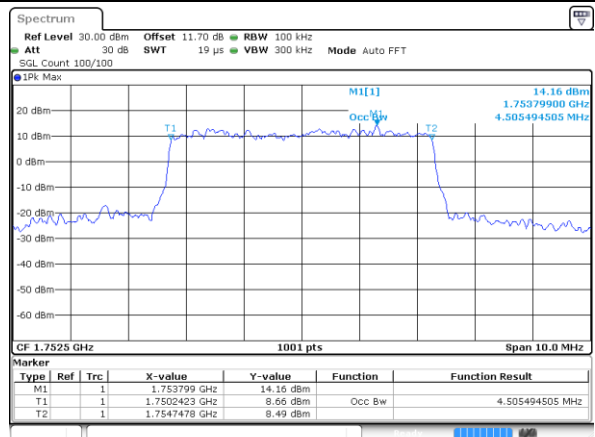
Date: 4 JAN 2020 01:12:24

Middle Channel / 5MHz / 16QAM


Date: 4 JAN 2020 01:12:36

Highest Channel / 5MHz / QPSK


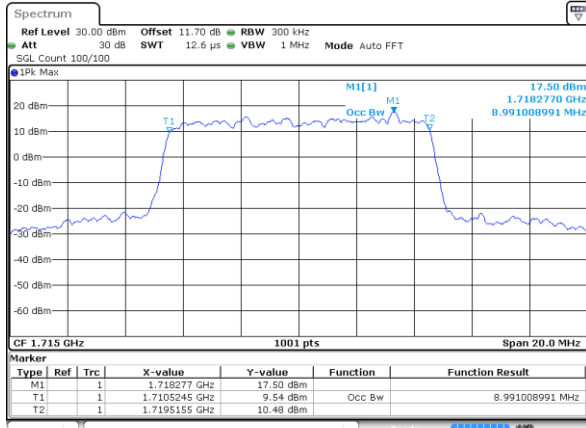
Date: 4 JAN 2020 01:14:32

Highest Channel / 5MHz / 16QAM


Date: 4 JAN 2020 01:14:44

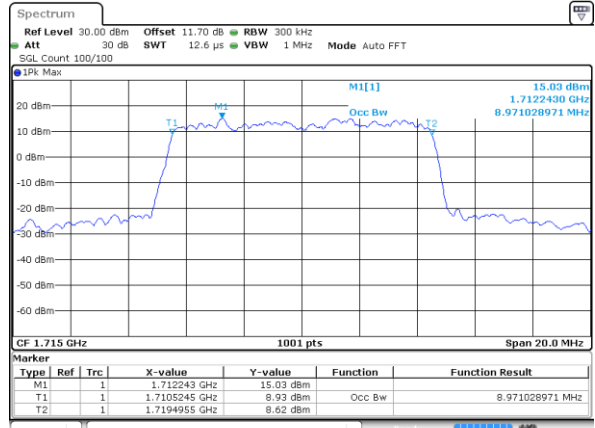
LTE Band 4

Lowest Channel / 10MHz / QPSK



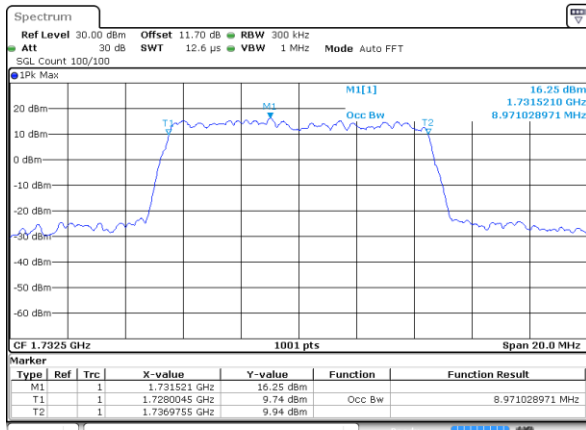
Date: 4 JAN 2020 01:19:27

Lowest Channel / 10MHz / 16QAM



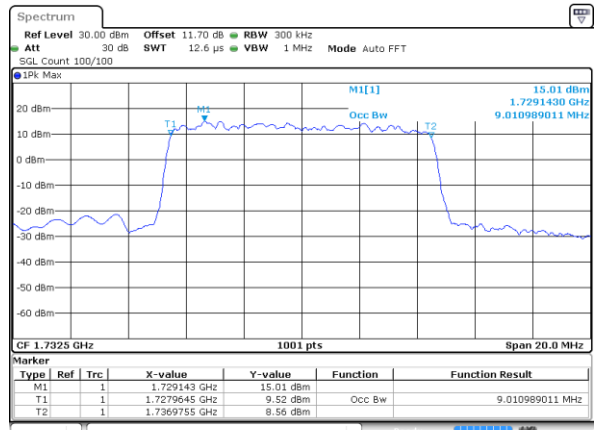
Date: 4 JAN 2020 01:19:40

Middle Channel / 10MHz / QPSK



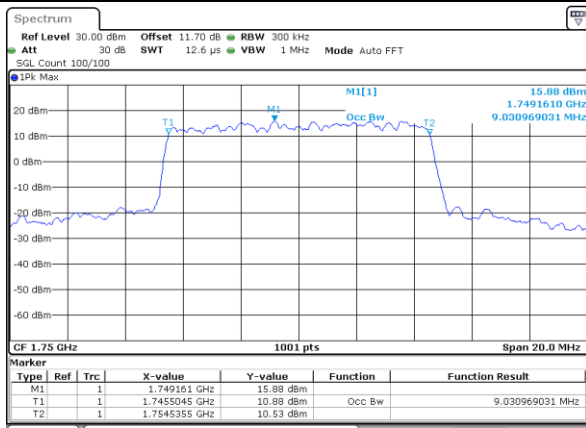
Date: 4 JAN 2020 01:24:22

Middle Channel / 10MHz / 16QAM



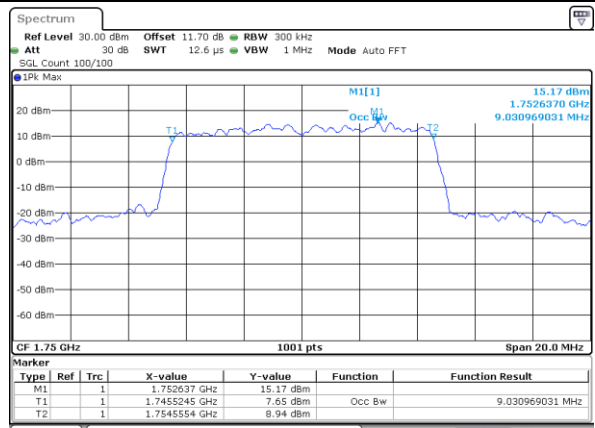
Date: 4 JAN 2020 01:24:34

Highest Channel / 10MHz / QPSK



Date: 4 JAN 2020 01:30:12

Highest Channel / 10MHz / 16QAM

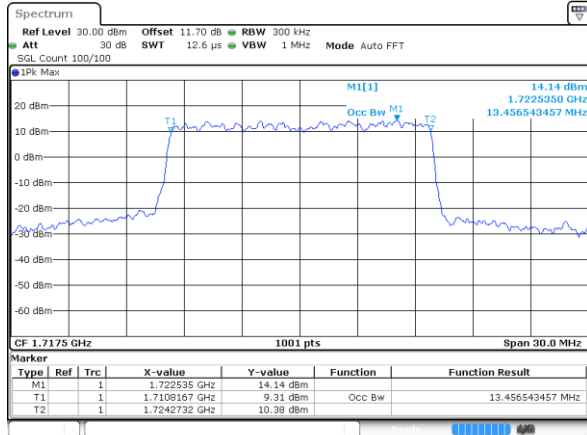


Date: 4 JAN 2020 01:30:24



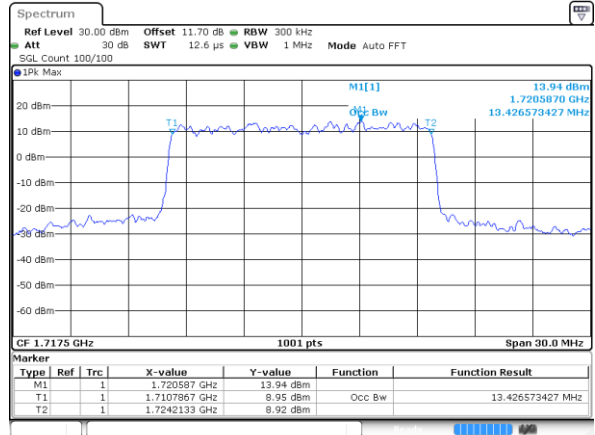
LTE Band 4

Lowest Channel / 15MHz / QPSK



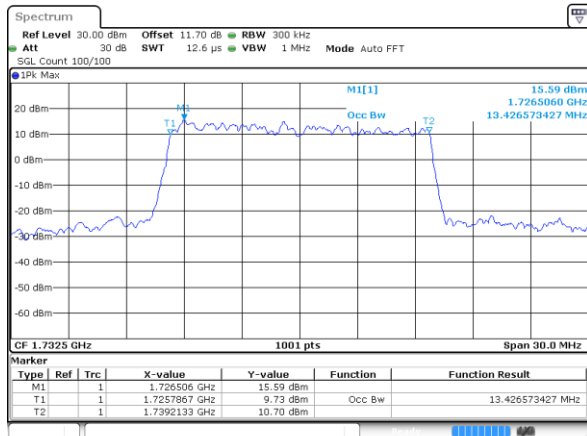
Date: 4 JAN 2020 01:35:07

Lowest Channel / 15MHz / 16QAM



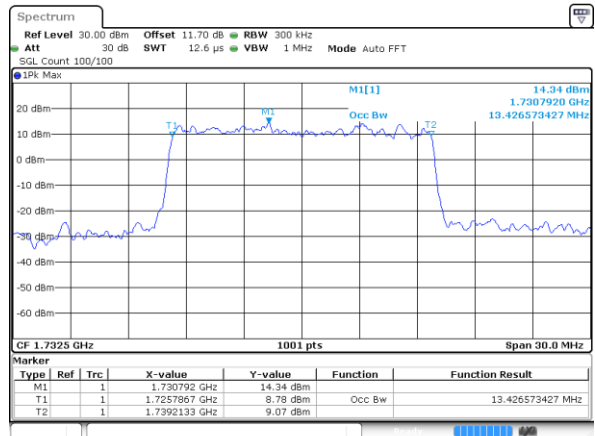
Date: 4 JAN 2020 01:35:20

Middle Channel / 15MHz / QPSK



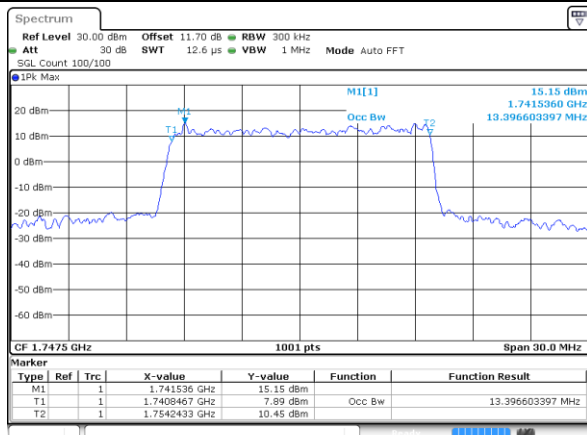
Date: 4 JAN 2020 01:40:02

Middle Channel / 15MHz / 16QAM



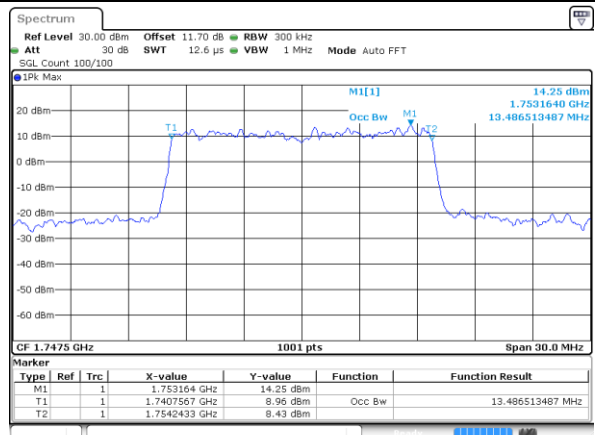
Date: 4 JAN 2020 01:40:13

Highest Channel / 15MHz / QPSK

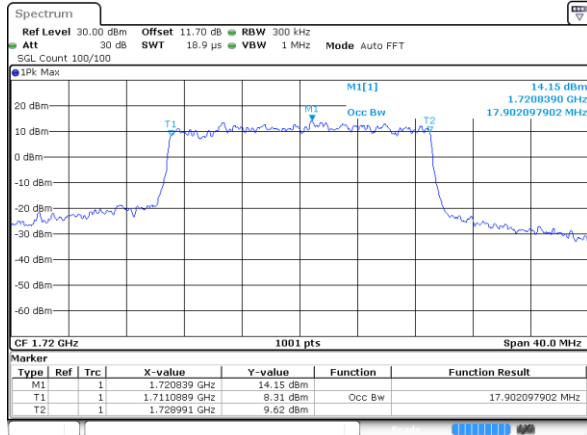


Date: 4 JAN 2020 01:42:10

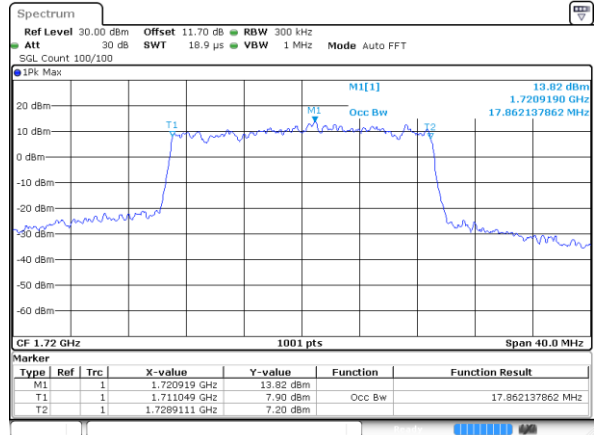
Highest Channel / 15MHz / 16QAM



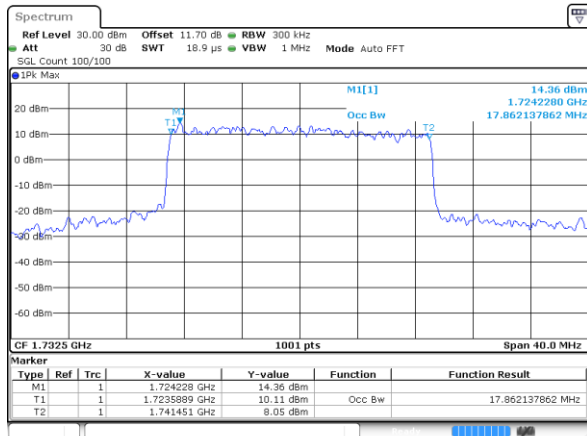
Date: 4 JAN 2020 01:42:22

LTE Band 4
Lowest Channel / 20MHz / QPSK


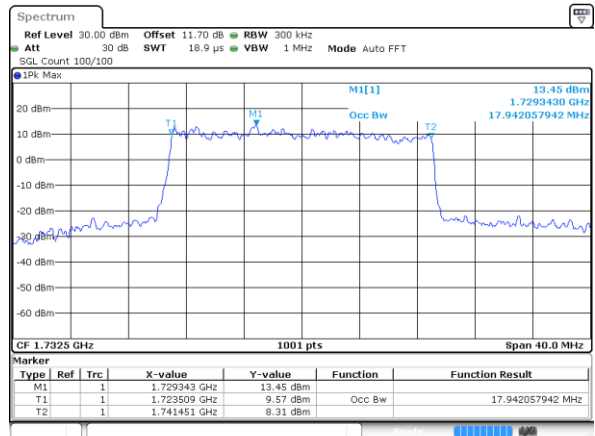
Date: 4 JAN 2020 01:47:05

Lowest Channel / 20MHz / 16QAM


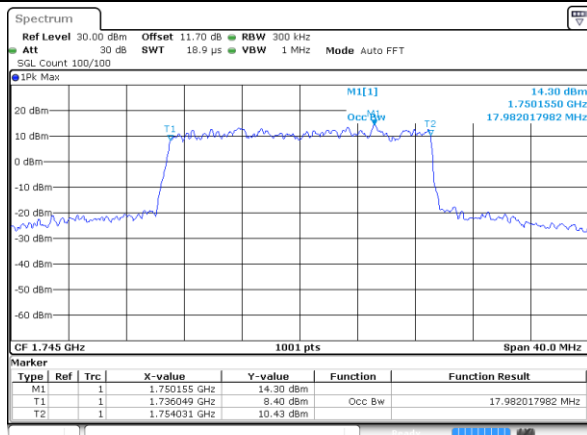
Date: 4 JAN 2020 01:47:17

Middle Channel / 20MHz / QPSK


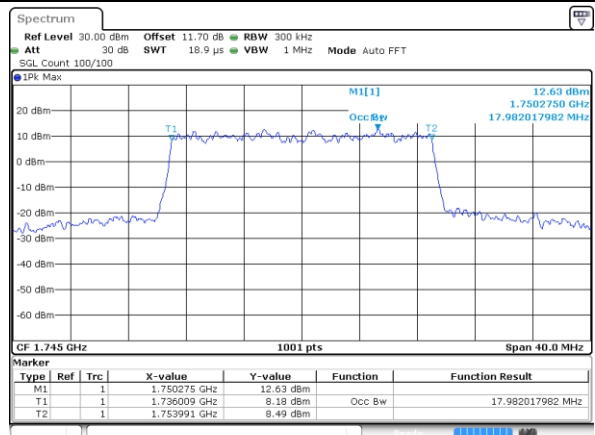
Date: 4 JAN 2020 01:51:59

Middle Channel / 20MHz / 16QAM


Date: 4 JAN 2020 01:52:11

Highest Channel / 20MHz / QPSK


Date: 4 JAN 2020 01:54:07

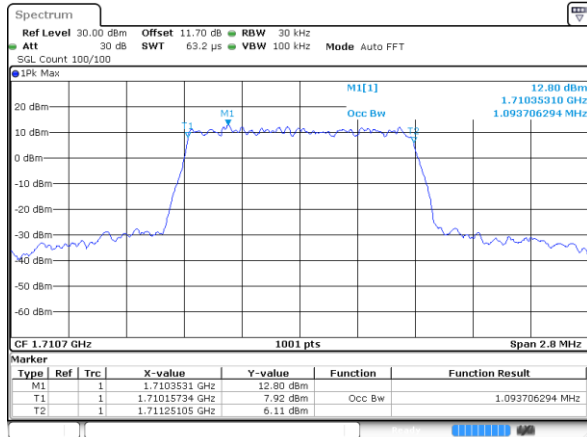
Highest Channel / 20MHz / 16QAM


Date: 4 JAN 2020 01:54:19

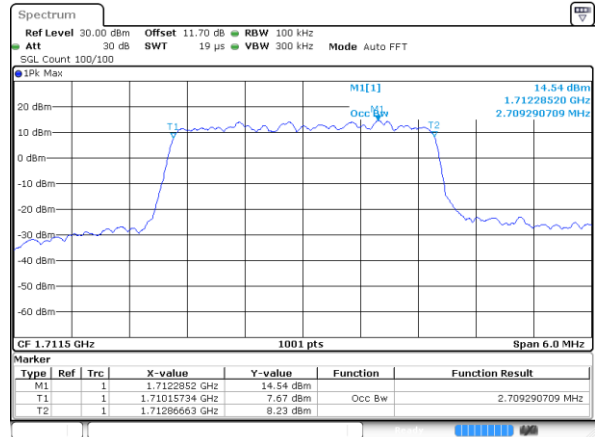


LTE Band 4

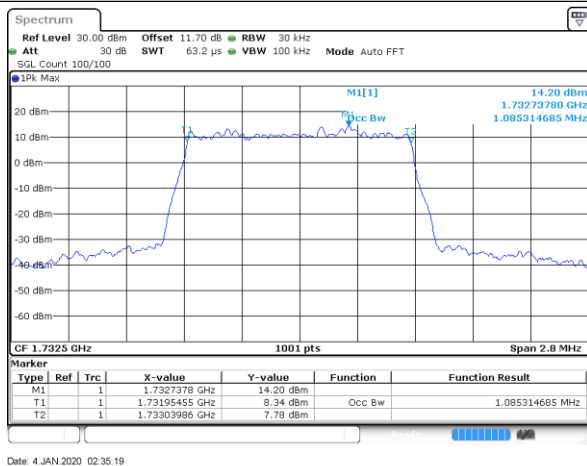
Lowest Channel / 1.4MHz / 64QAM



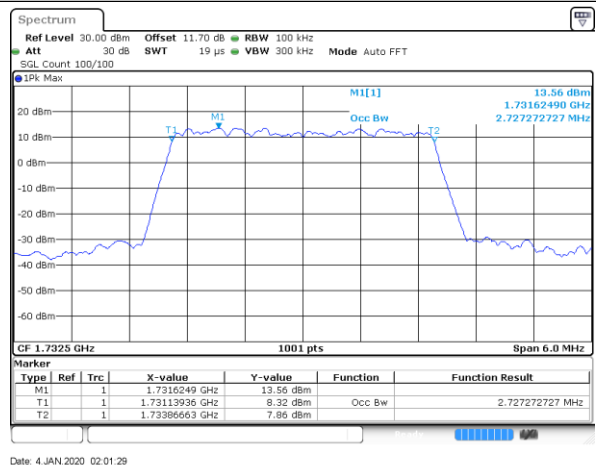
Lowest Channel / 3MHz / 64QAM



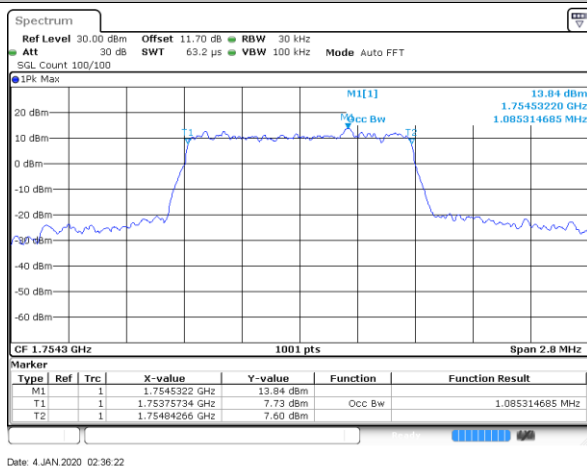
Middle Channel / 1.4MHz / 64QAM



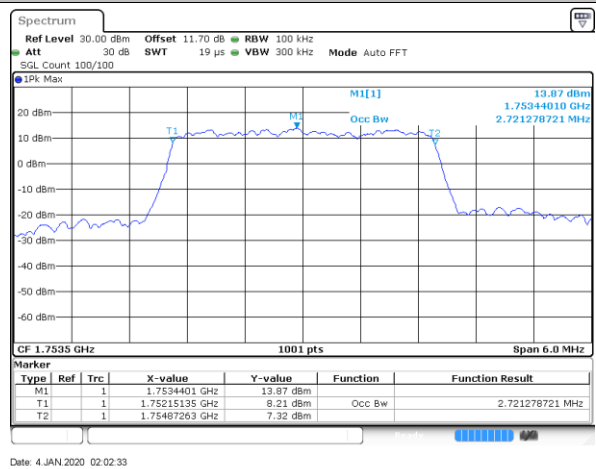
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



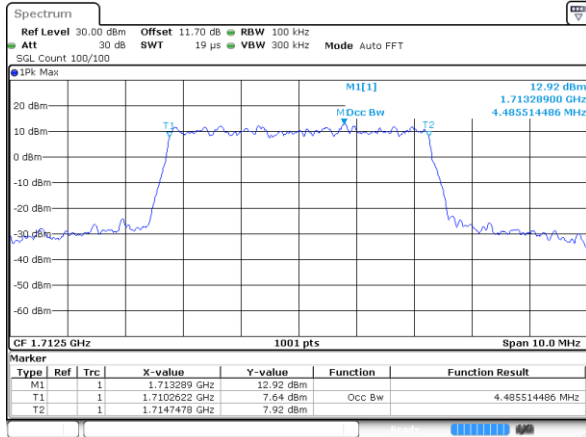
Highest Channel / 3MHz / 64QAM



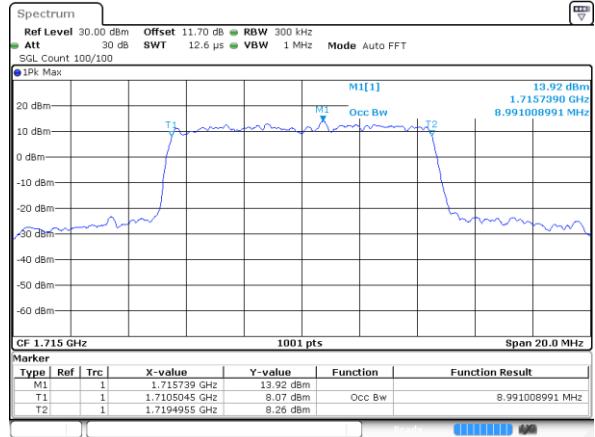


LTE Band 4

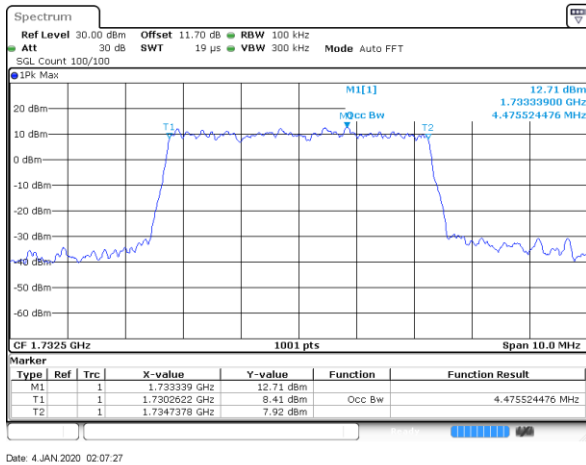
Lowest Channel / 5MHz / 64QAM



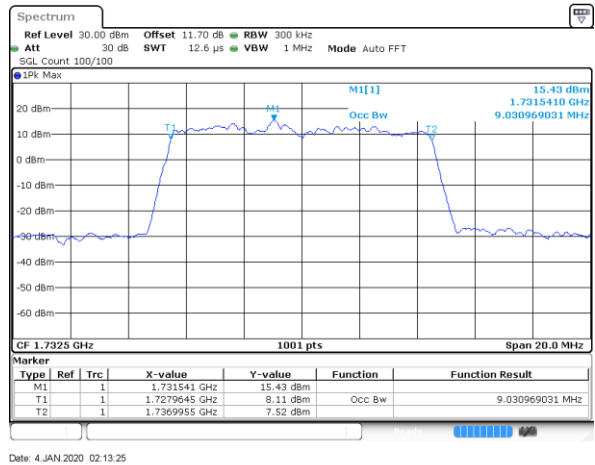
Lowest Channel / 10MHz / 64QAM



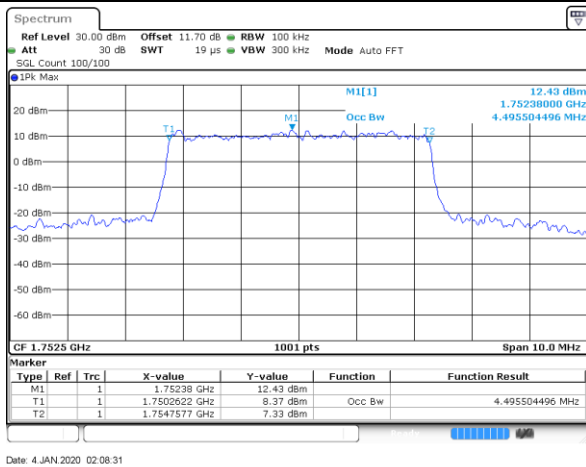
Middle Channel / 5MHz / 64QAM



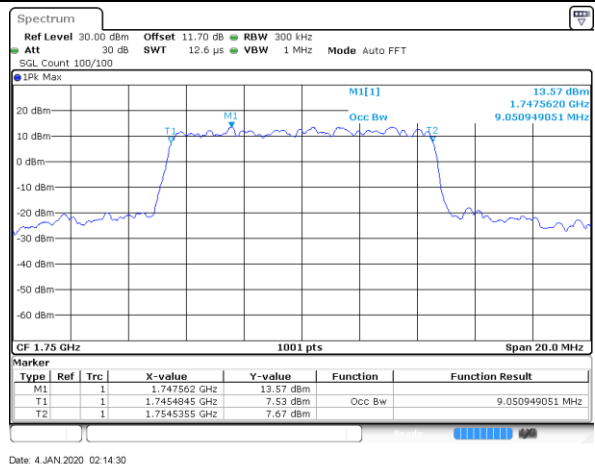
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

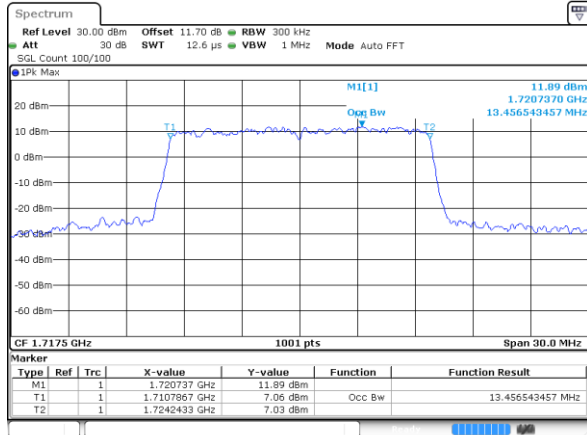


Highest Channel / 10MHz / 64QAM

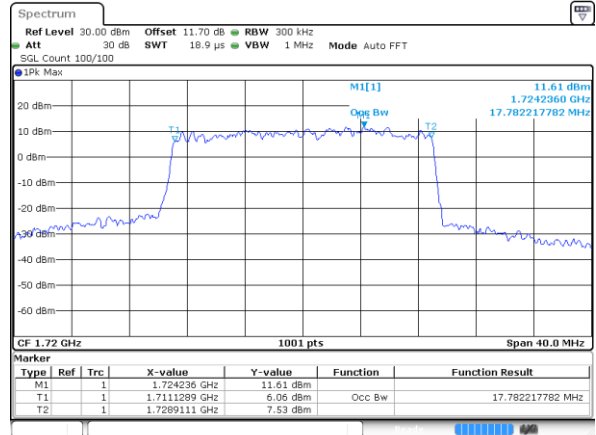


LTE Band 4

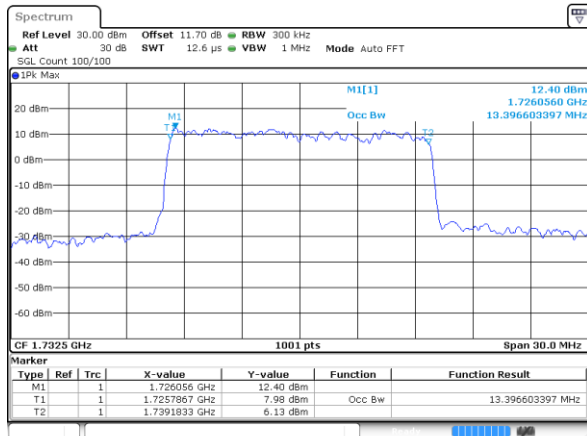
Lowest Channel / 15MHz / 64QAM



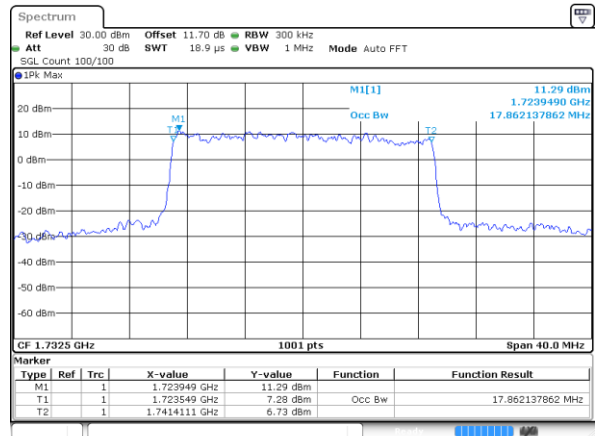
Lowest Channel / 20MHz / 64QAM



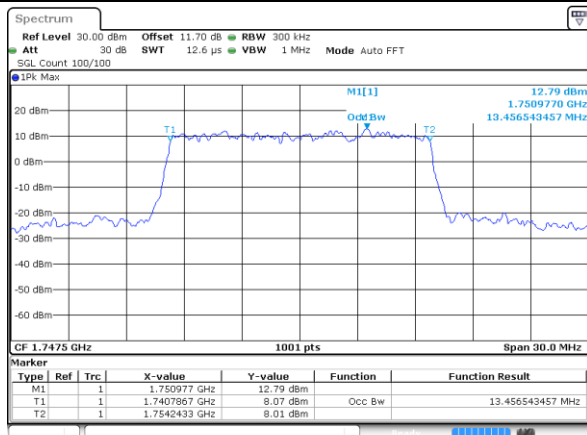
Middle Channel / 15MHz / 64QAM



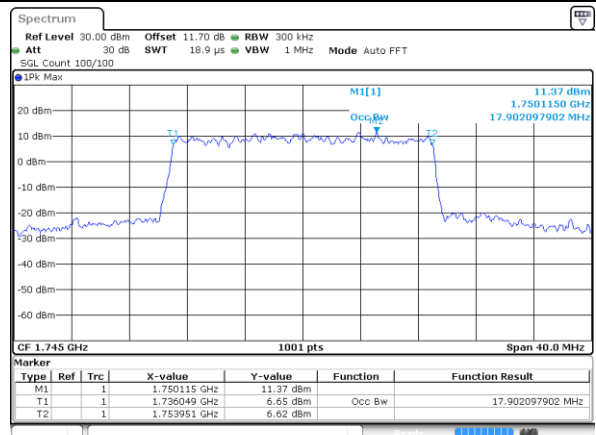
Middle Channel / 20MHz / 64QAM

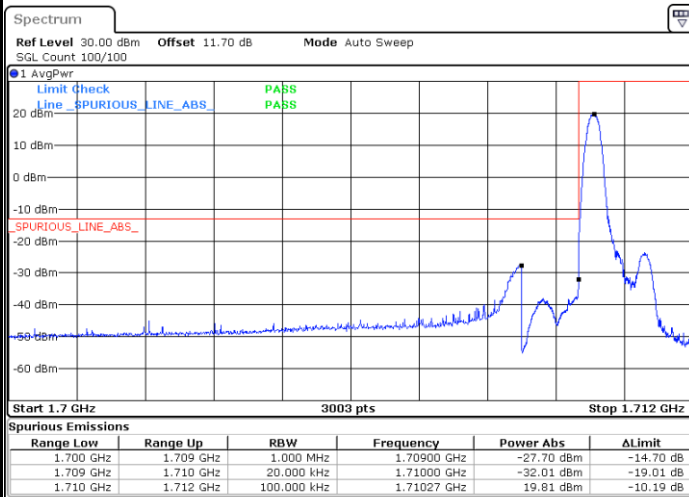
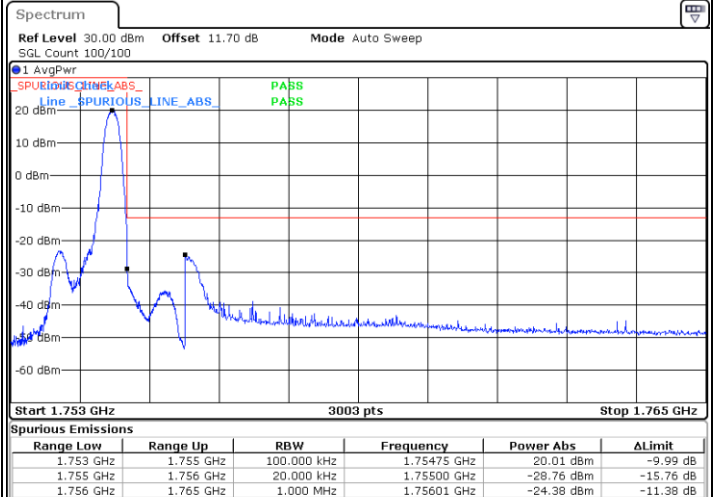
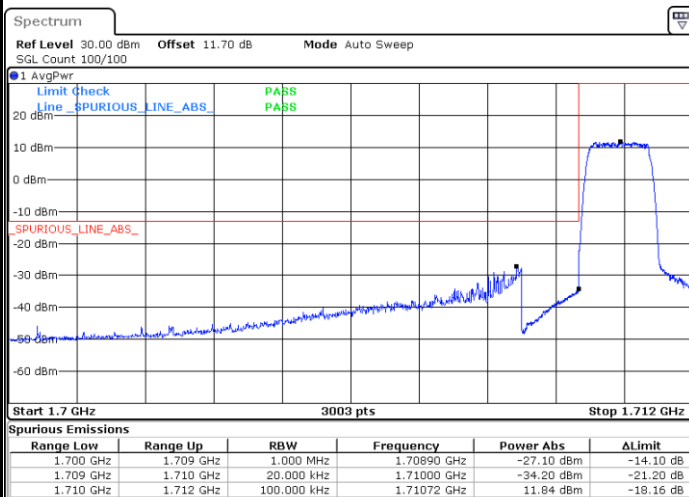
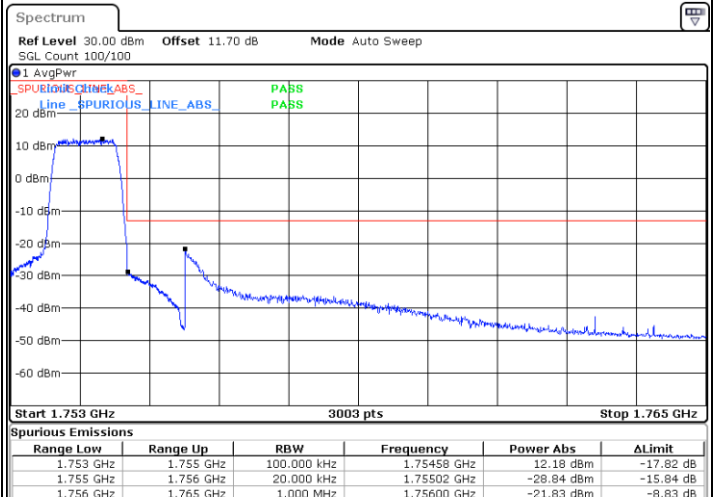


Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

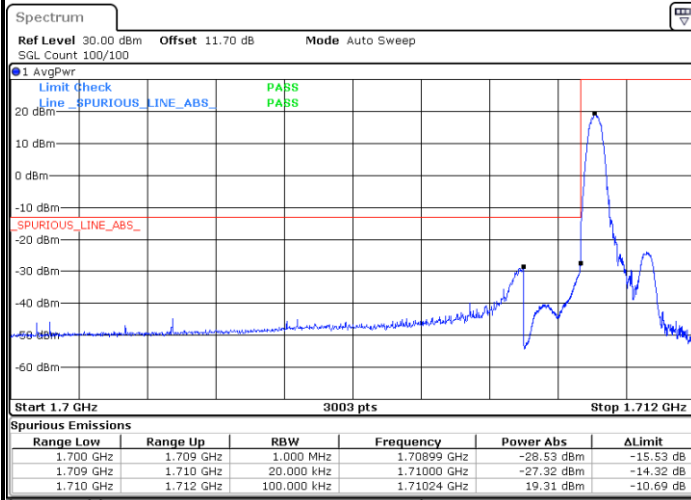


**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

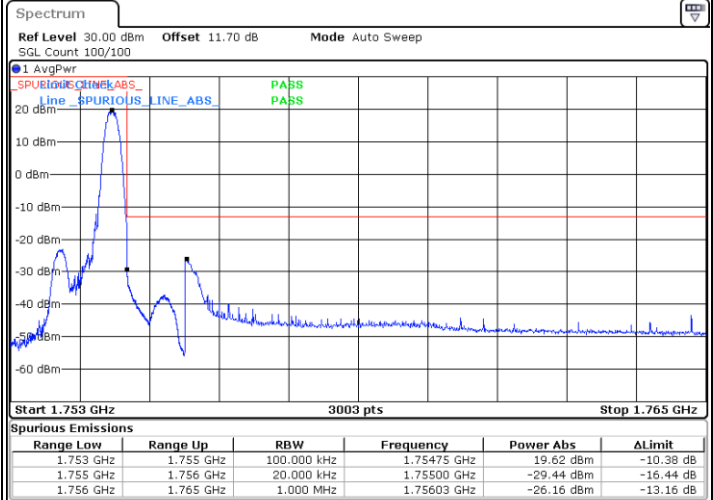


LTE Band 4 / 1.4MHz / 16QAM

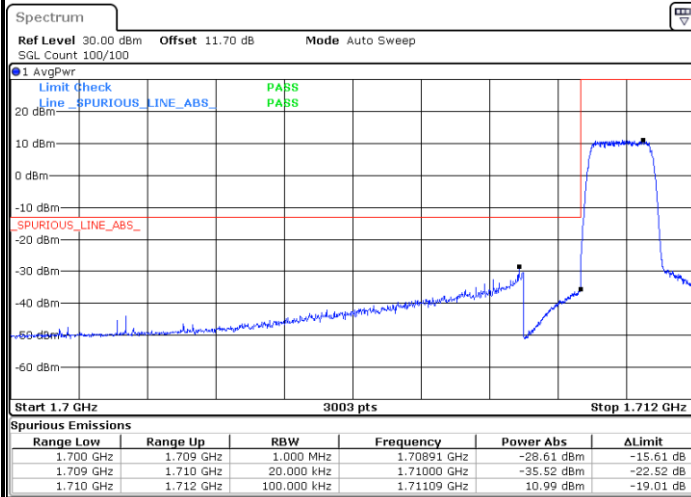
Lowest Band Edge / 1 RB



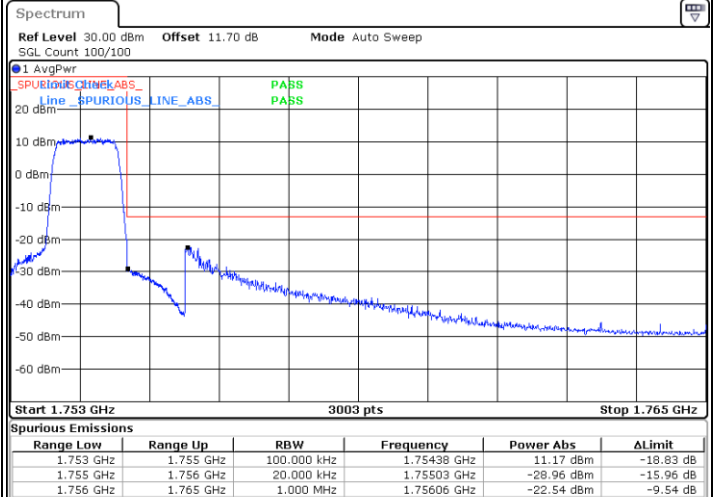
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



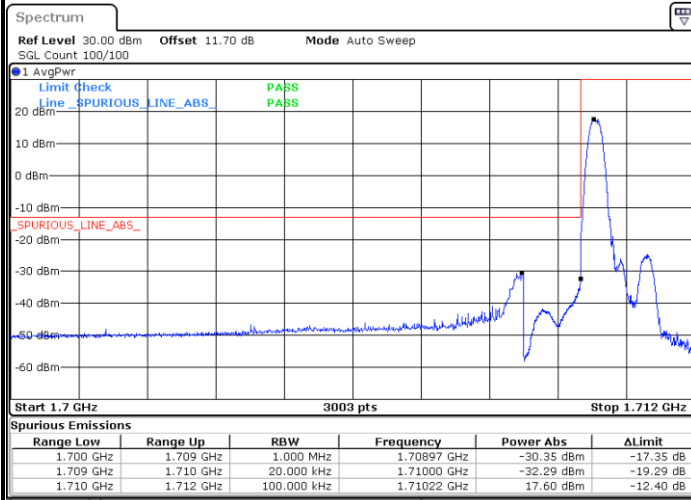
Highest Band Edge / Full RB



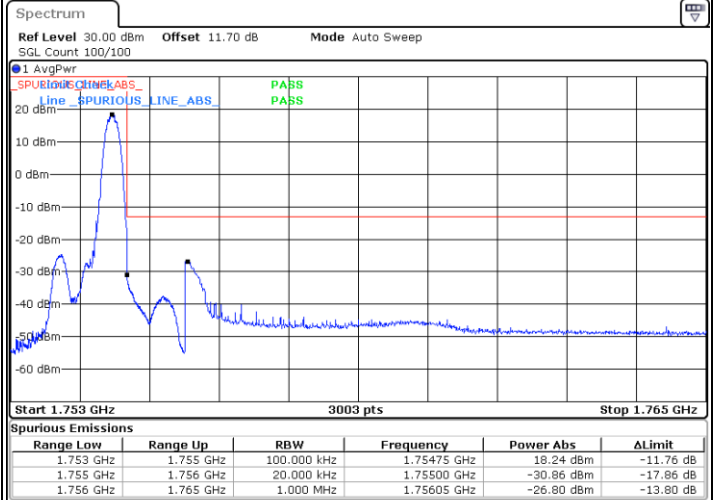


LTE Band 4 / 1.4MHz / 64QAM

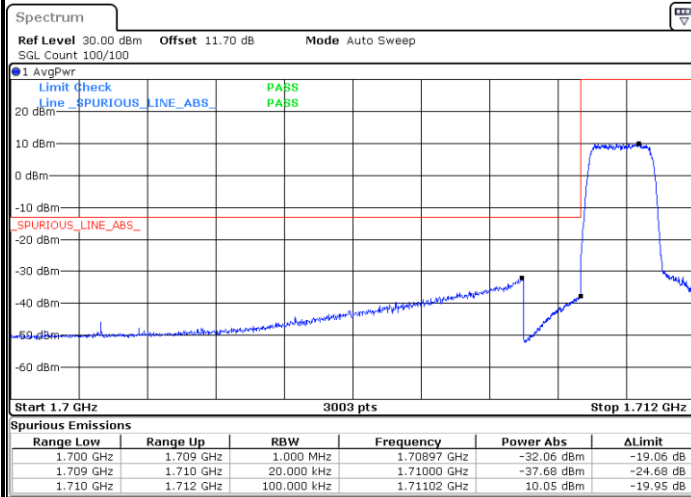
Lowest Band Edge / 1 RB



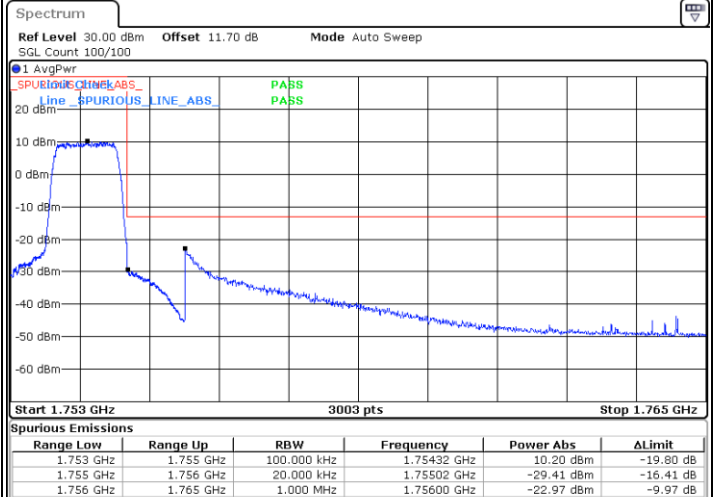
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



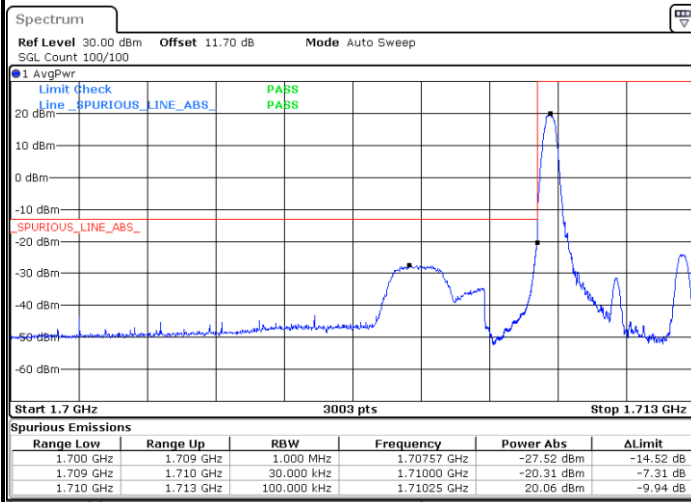
Highest Band Edge / Full RB



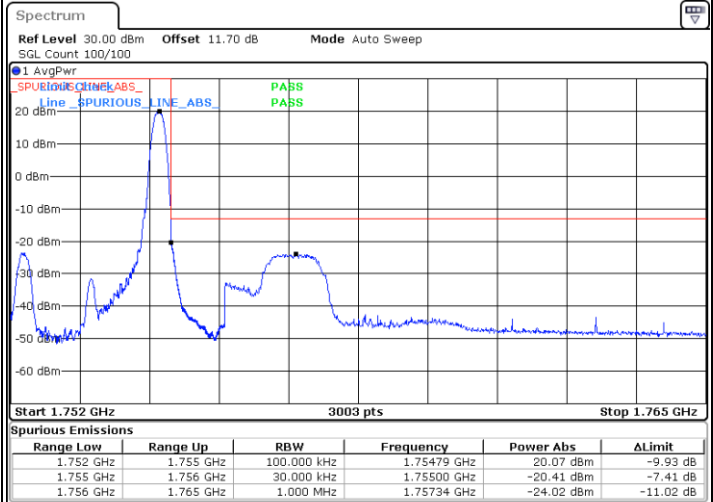


LTE Band 4 / 3MHz / QPSK

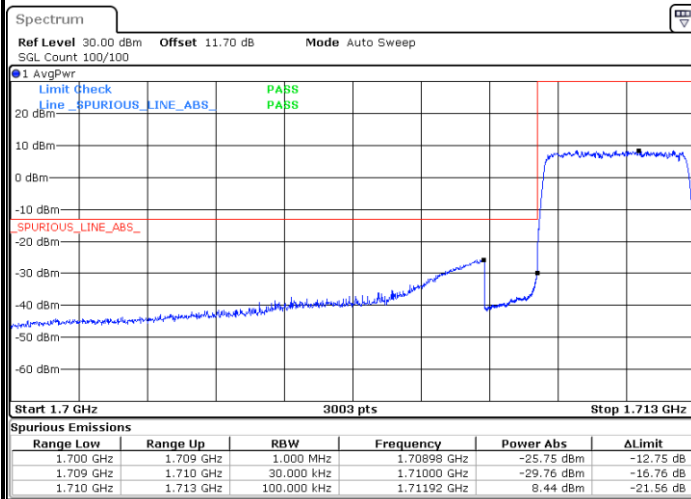
Lowest Band Edge / 1RB



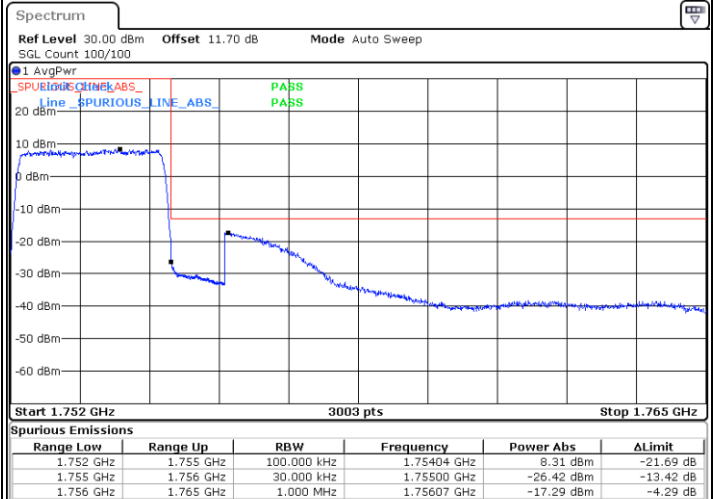
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



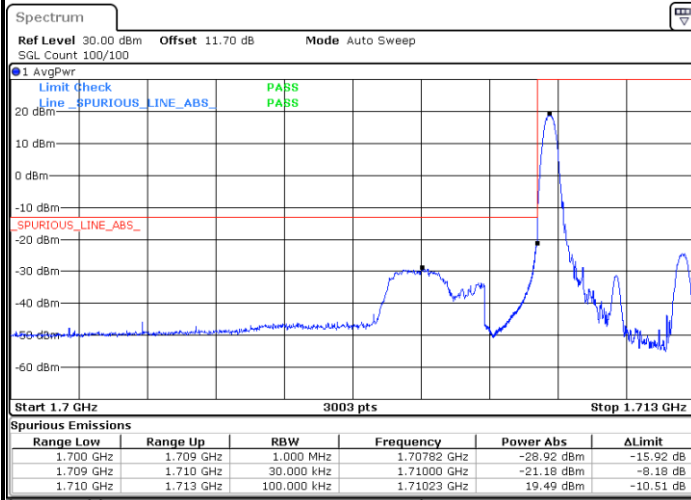
Highest Band Edge / Full RB



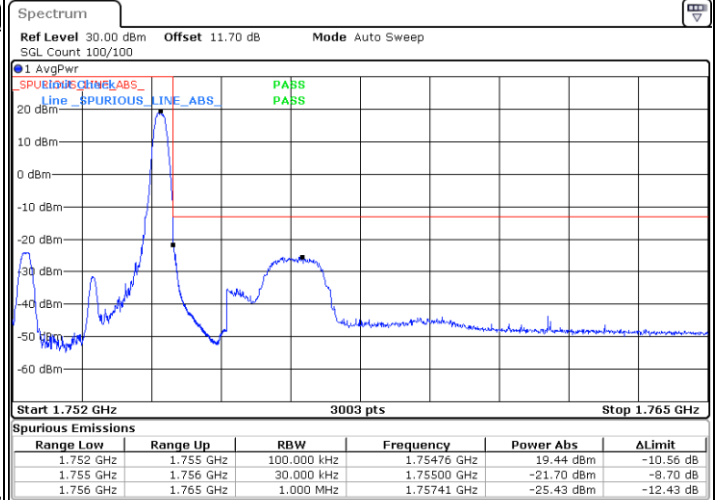


LTE Band 4 / 3MHz / 16QAM

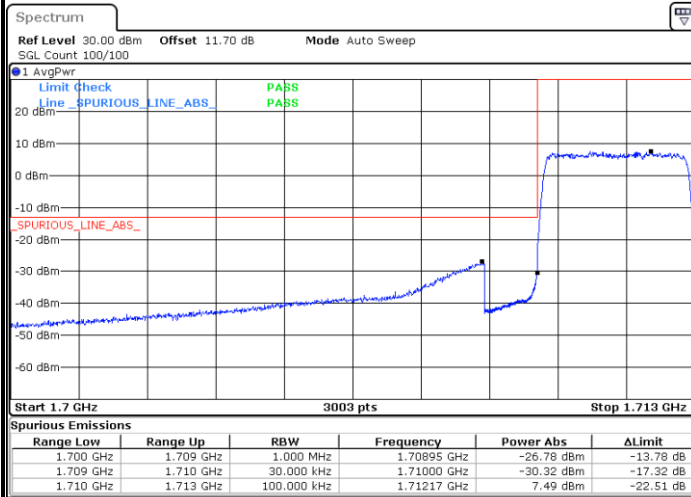
Lowest Band Edge / 1 RB



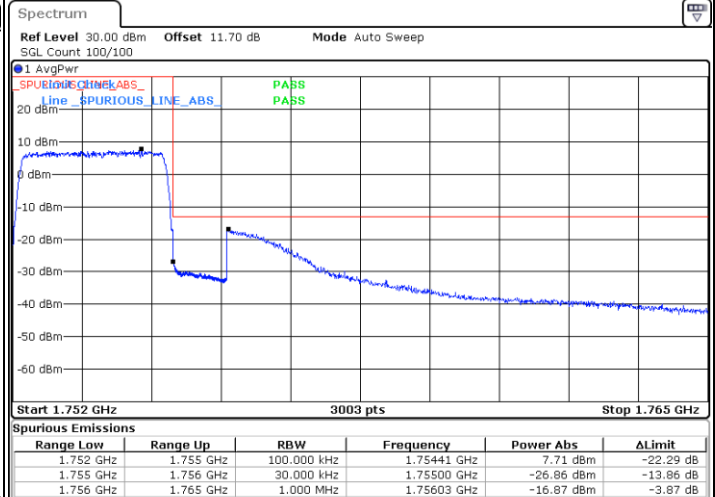
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



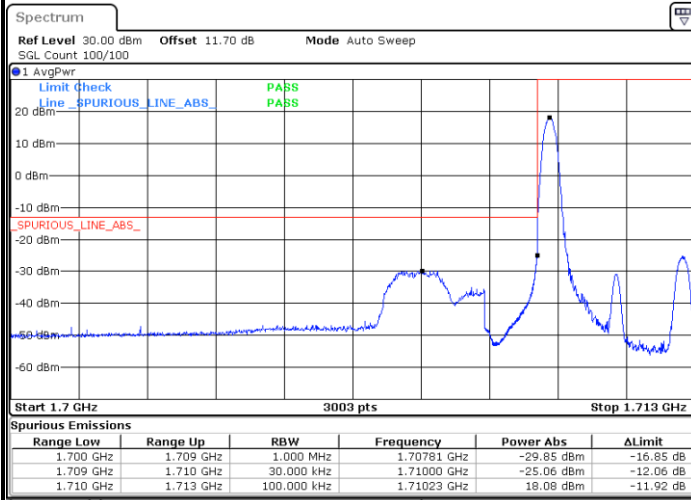
Highest Band Edge / Full RB



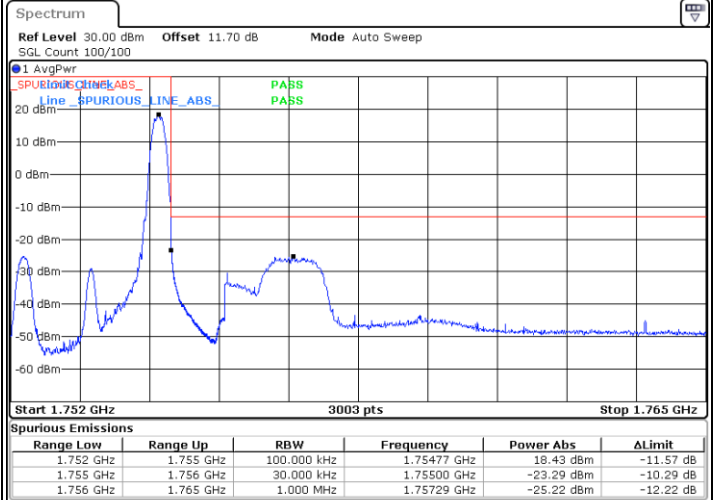


LTE Band 4 / 3MHz / 64QAM

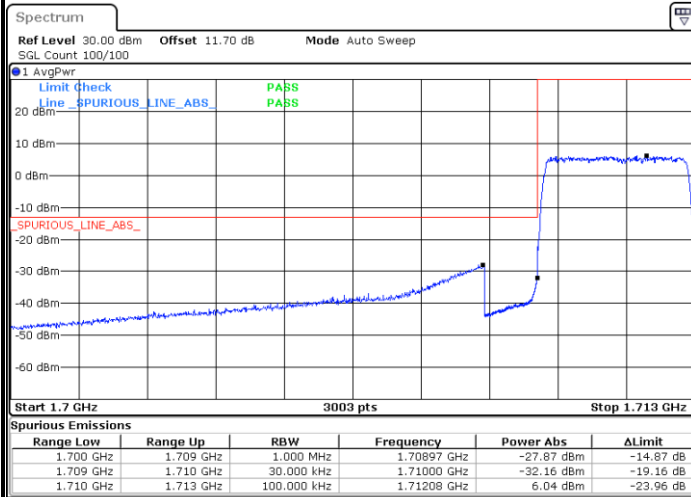
Lowest Band Edge / 1 RB



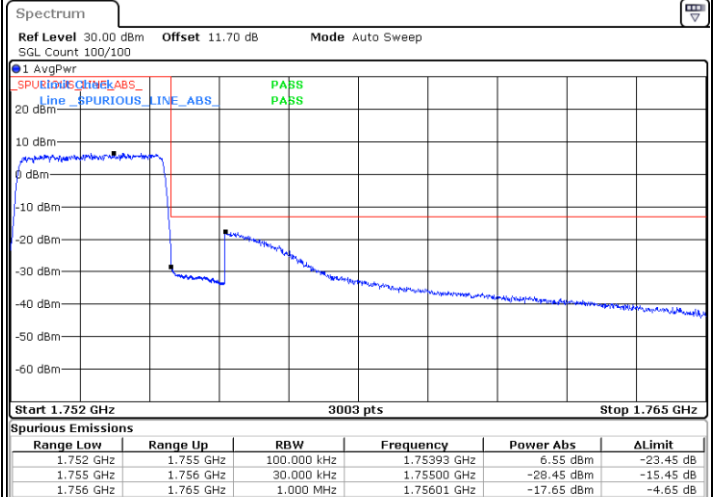
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



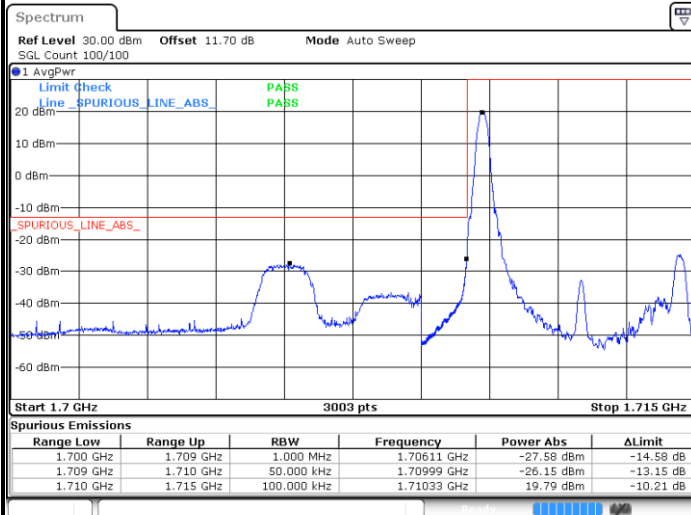
Highest Band Edge / Full RB



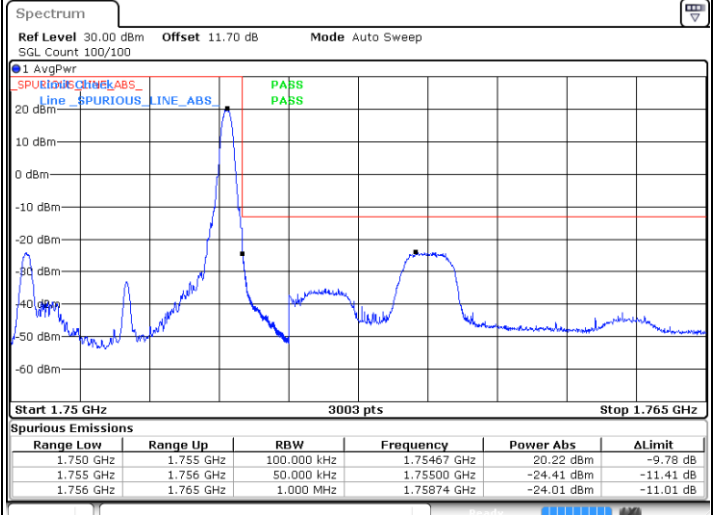


LTE Band 4 / 5MHz / QPSK

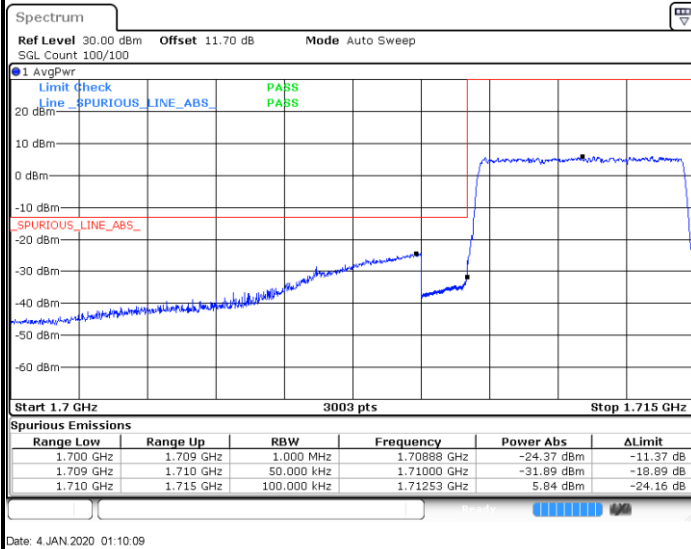
Lowest Band Edge / 1 RB



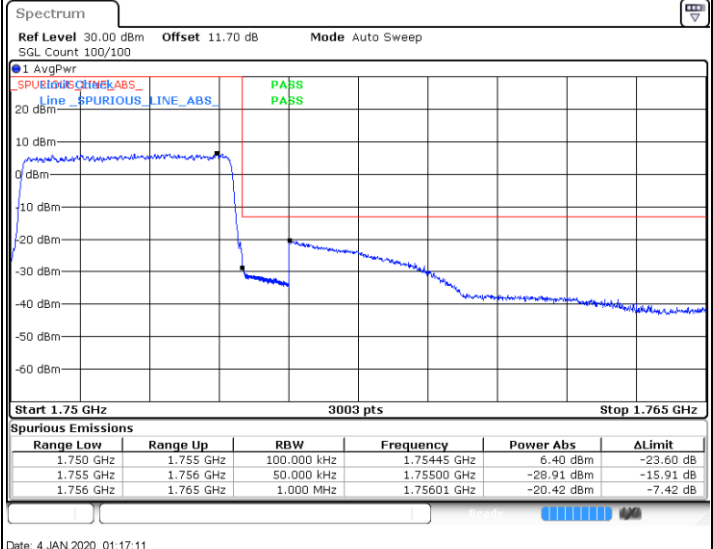
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



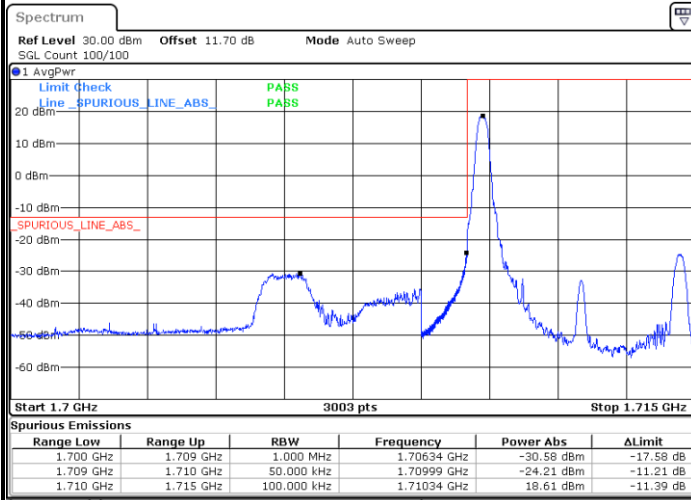
Highest Band Edge / Full RB



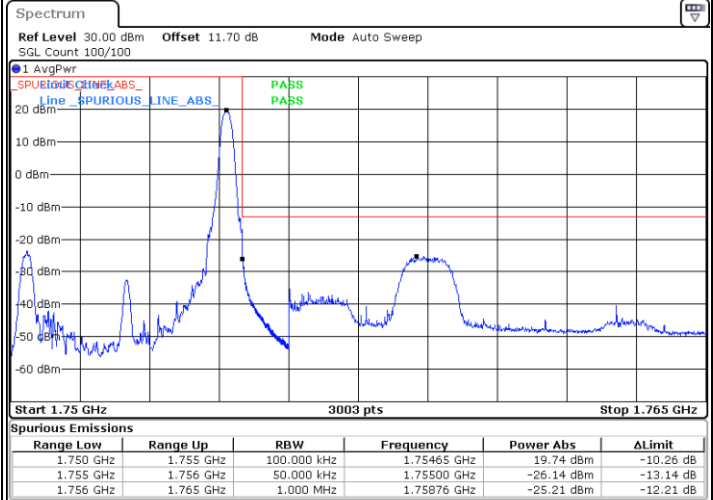


LTE Band 4 / 5MHz / 16QAM

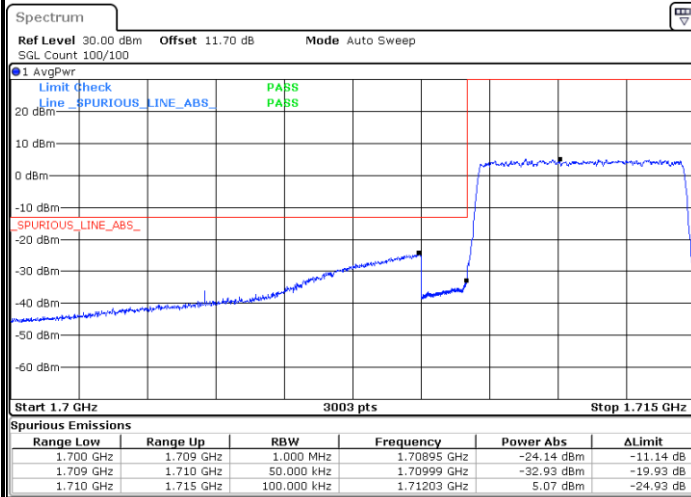
Lowest Band Edge / 1RB



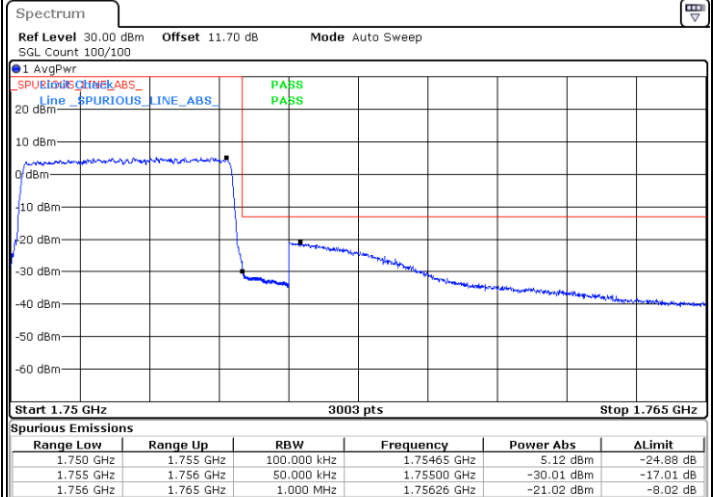
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



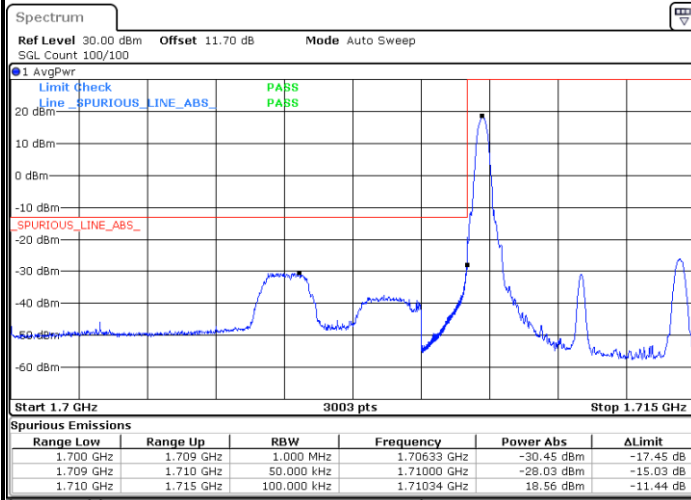
Highest Band Edge / Full RB





LTE Band 4 / 5MHz / 64QAM

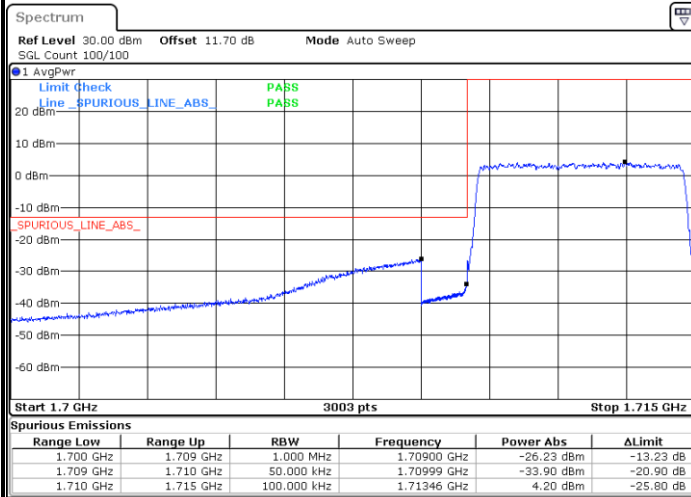
Lowest Band Edge / 1RB



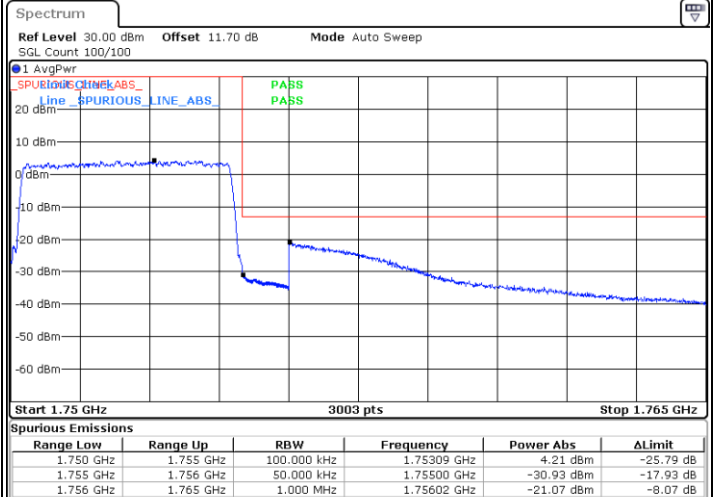
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



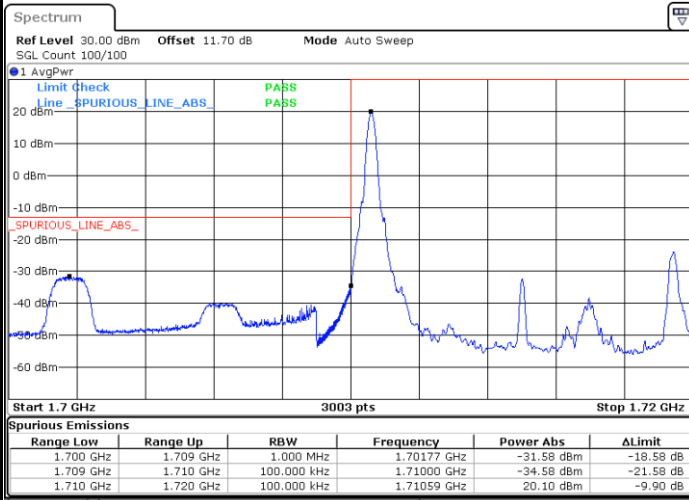
Highest Band Edge / Full RB



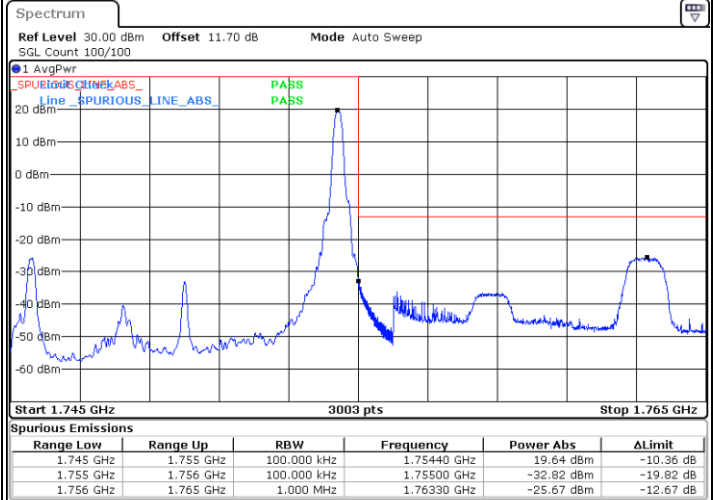


LTE Band 4 / 10MHz / QPSK

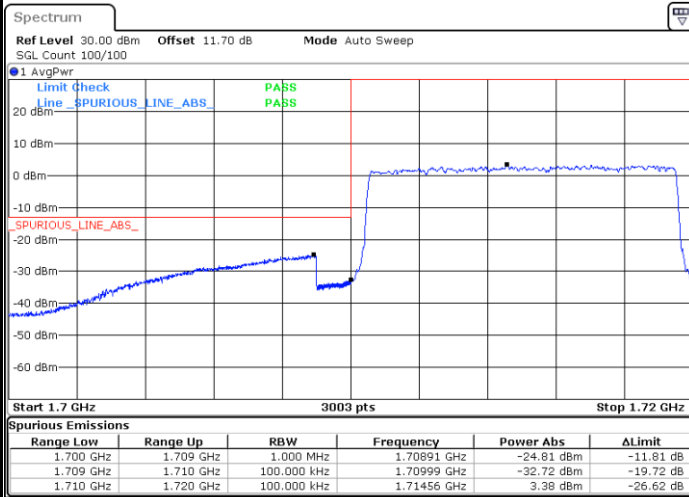
Lowest Band Edge / 1 RB



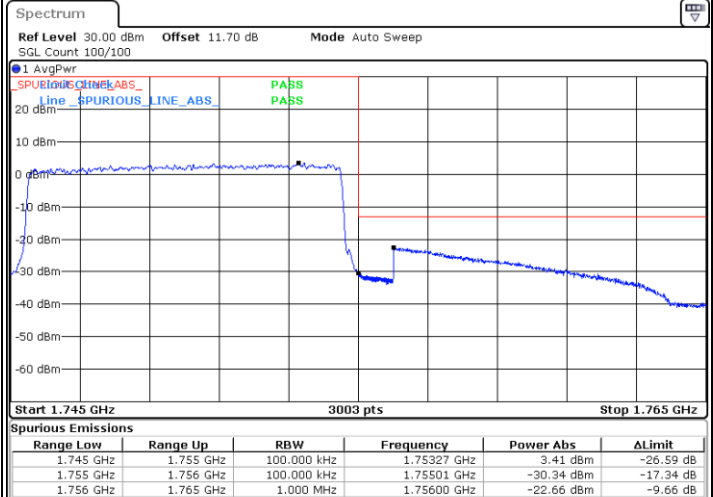
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



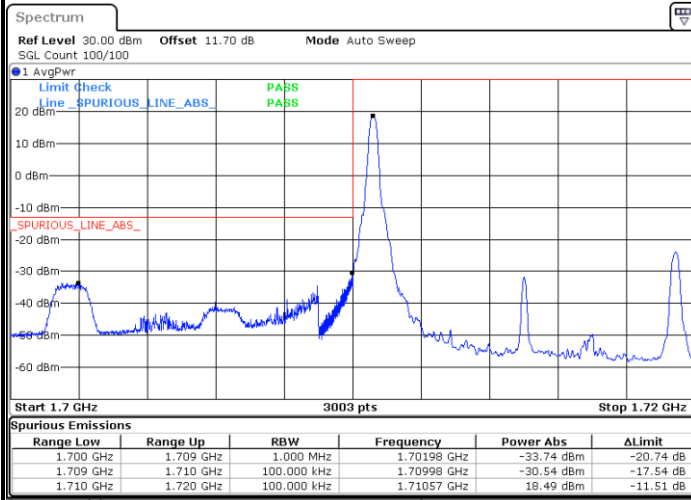
Highest Band Edge / Full RB



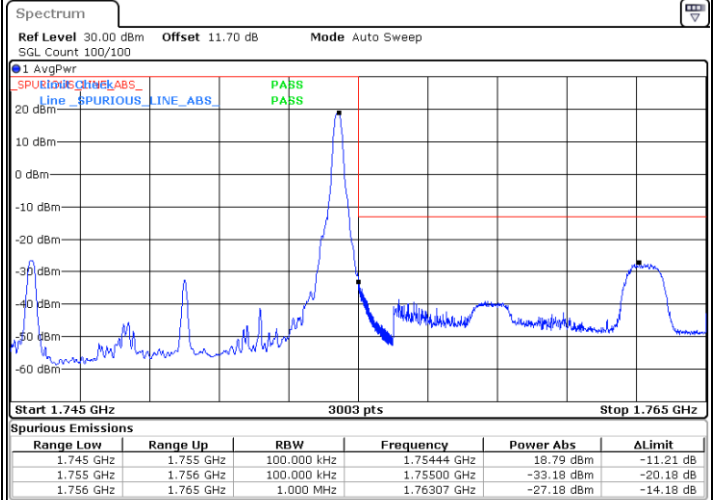


LTE Band 4 / 10MHz / 16QAM

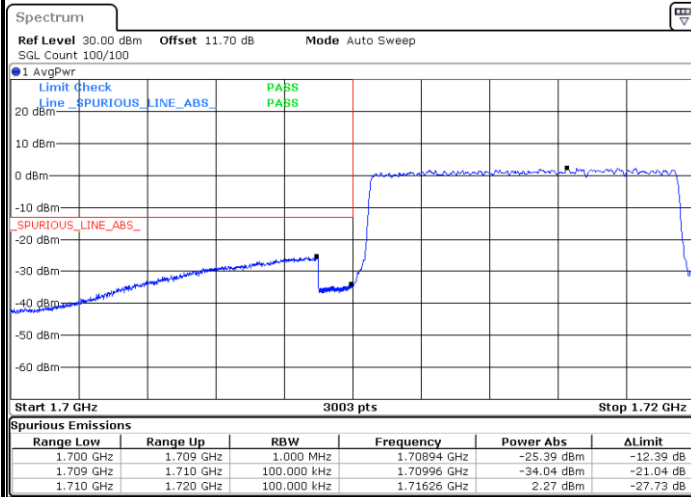
Lowest Band Edge / 1 RB



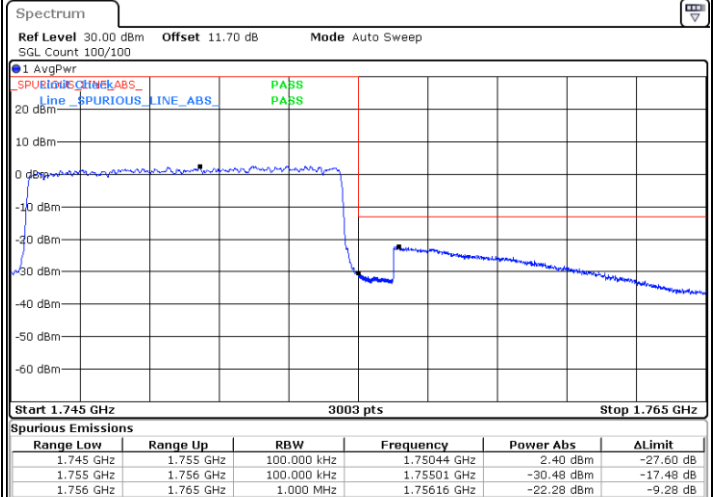
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



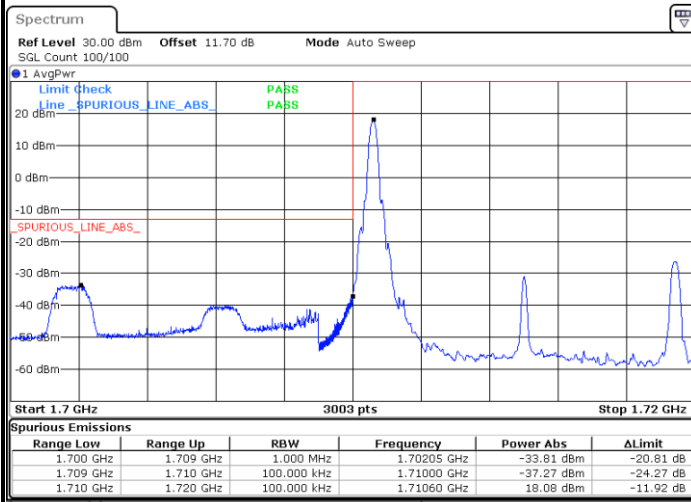
Highest Band Edge / Full RB



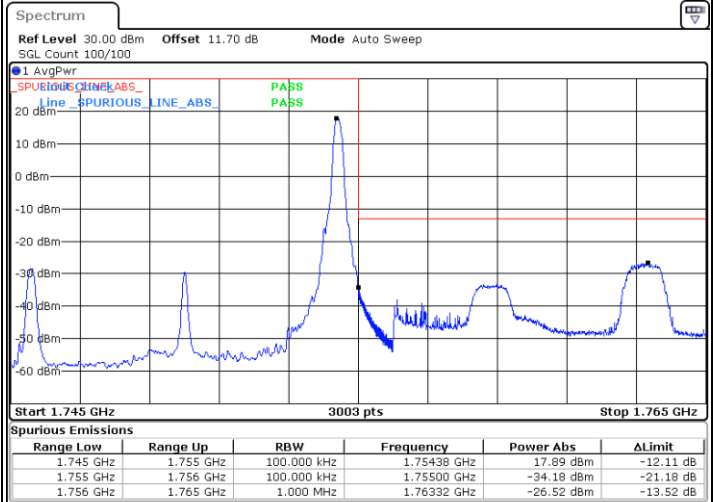


LTE Band 4 / 10MHz / 64QAM

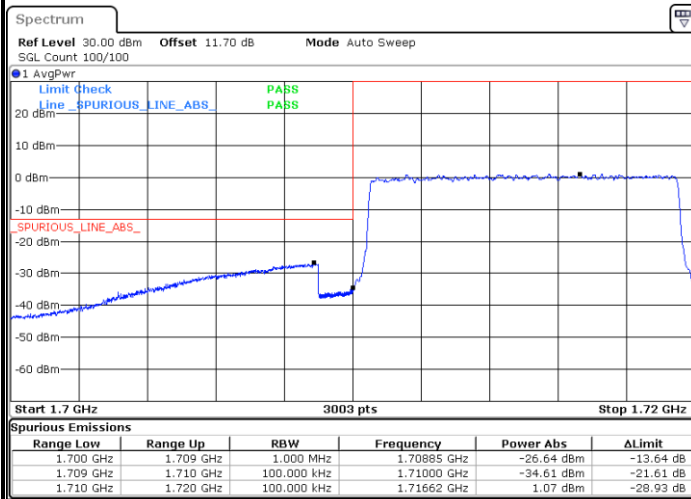
Lowest Band Edge / 1 RB



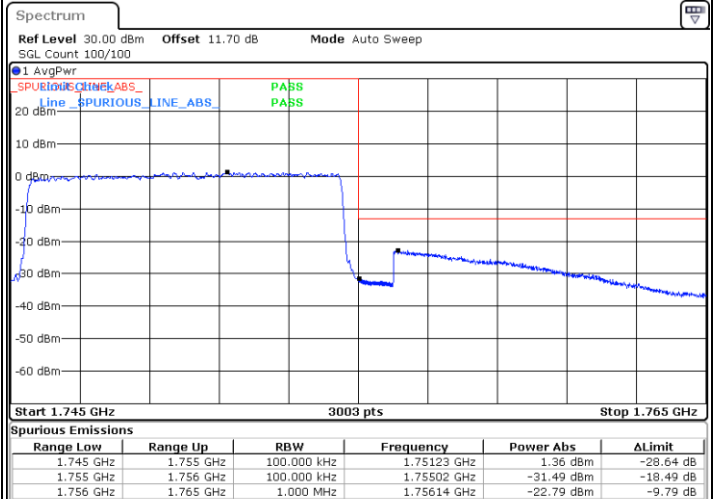
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



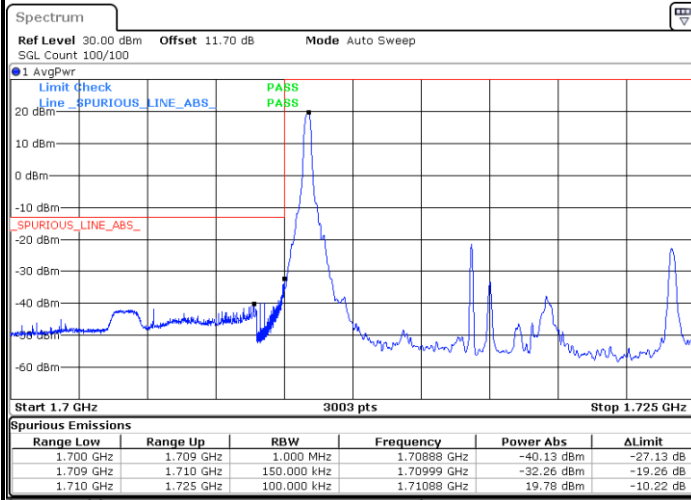
Highest Band Edge / Full RB





LTE Band 4 / 15MHz / QPSK

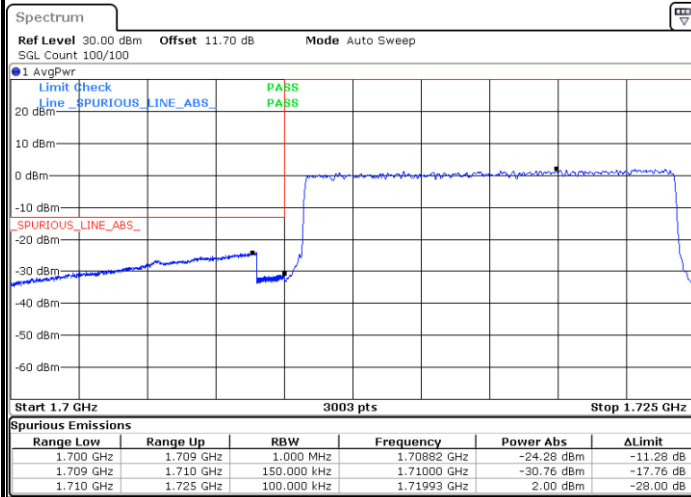
Lowest Band Edge / 1 RB



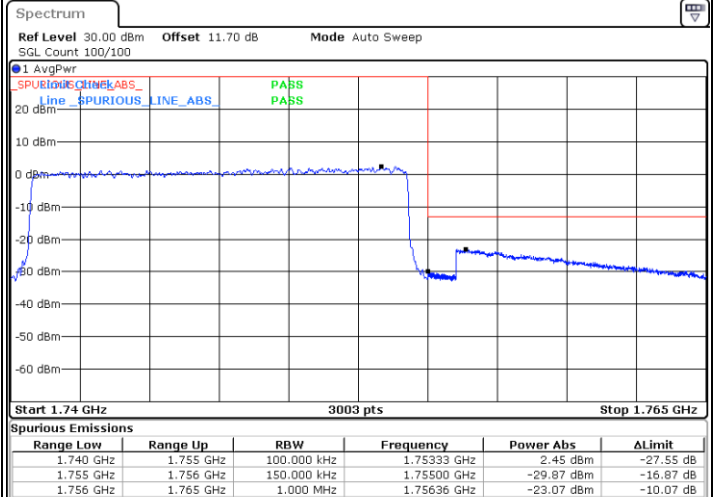
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



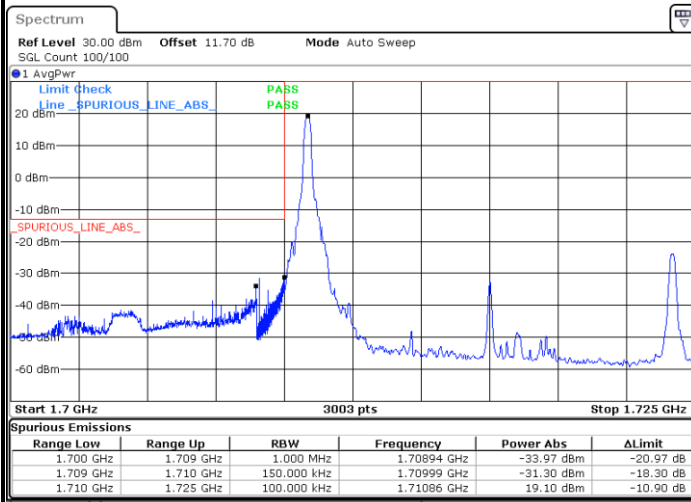
Highest Band Edge / Full RB



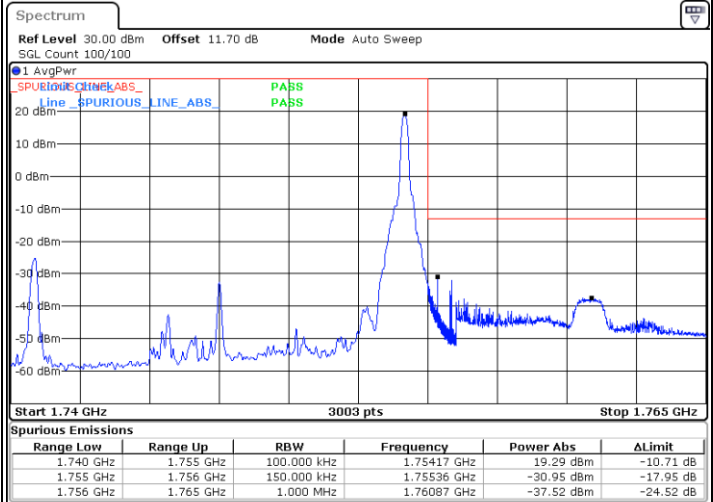


LTE Band 4 / 15MHz / 16QAM

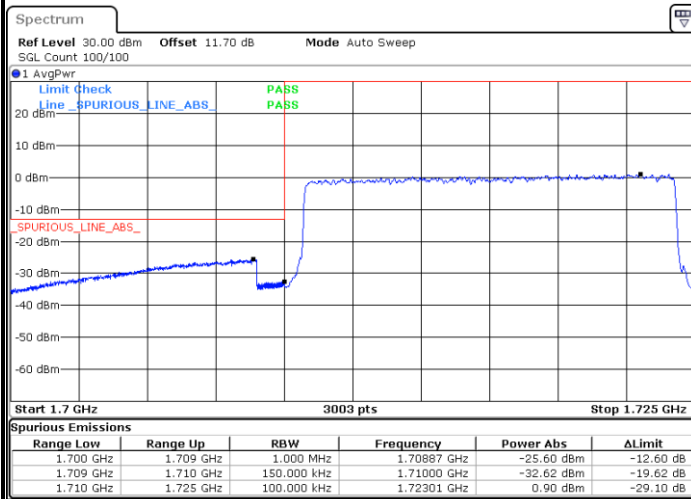
Lowest Band Edge / 1 RB



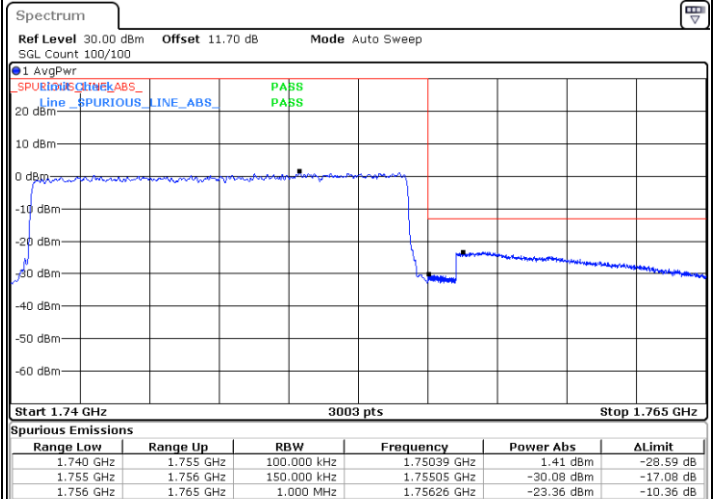
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



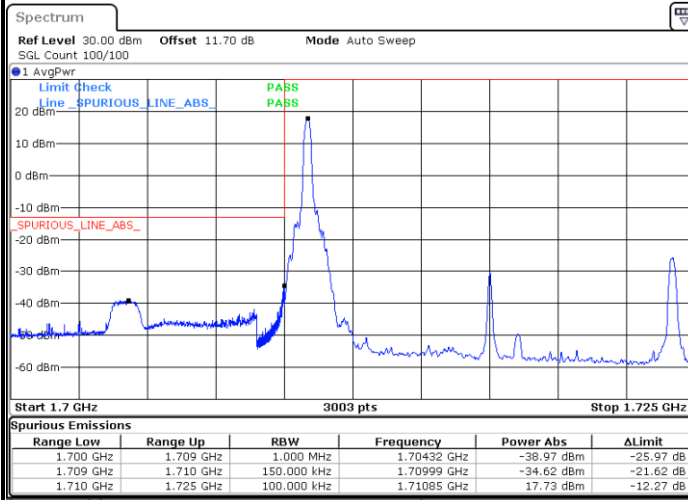
Highest Band Edge / Full RB



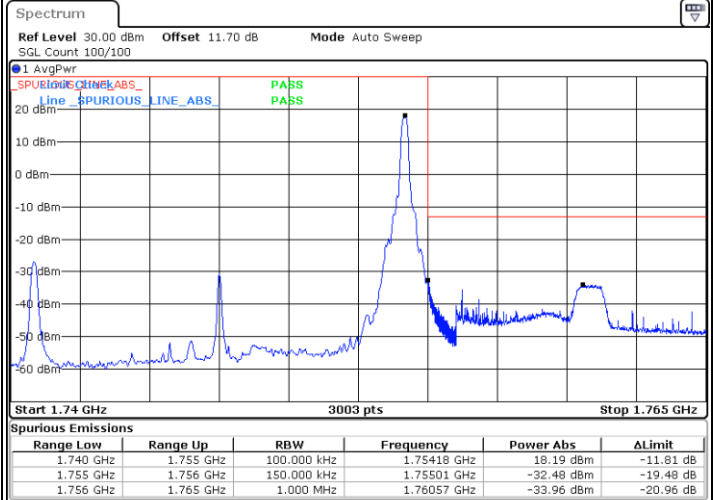


LTE Band 4 / 15MHz / 64QAM

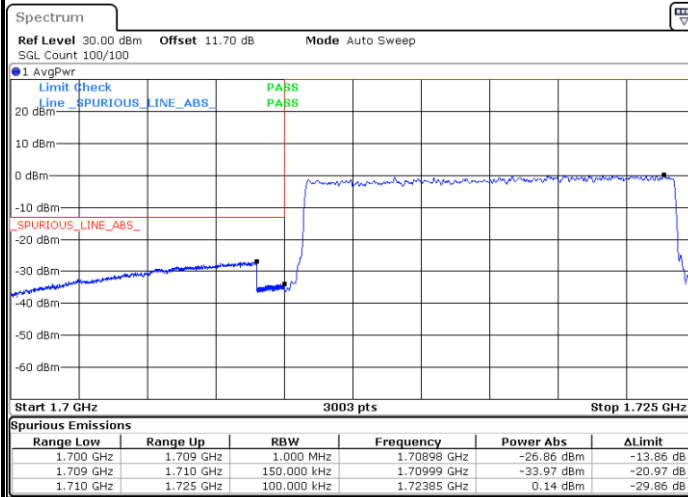
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

